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## **PART-A – BIDDING PROCEDURE & REQUIREMENTS**

### **Section I - Invitation to Bids**

### **Section II- Instructions to Bidders (ITB)**

This Section provides information to help Bidders prepare their Bids. Information is also provided on the submission, opening, and evaluation of Bids and on the award of Contracts. *This Section contains provisions that are to be used without modifications.*

### **Section III- Bid Data Sheet (BDS)**

This Section includes provisions specific to procurement and to supplement Section-II, Instructions to Bidders. This section may be customized where option is available, in accordance with the requirements of the Procuring Agency.

### **Section IV - Eligible Countries**

This Section contains information regarding eligible countries.

### **Section V - Technical Specifications, Schedule of Requirements**

This Section includes the details of specifications for the goods to be procured and schedule of requirements.

### **Section VI - Standard Forms**

This Section includes the standard forms for the Bid Submission, Price Schedules, and Bid Security etc. These forms are to be completed and submitted by the Bidder as part of its Bid.

## **PART-B – CONDITIONS OF CONTRACT AND CONTRACT FORMS**

### **Section VII - General Conditions of Contract (GCC)**

This Section includes the general clauses to be applied in all the contracts. *This Section contains provisions that are to be used without modifications.*

### **Section VIII - Special Conditions of Contract (SCC)**

This Section consists of Contract Data and Specific Provisions which contains clauses specific to this contract. This section may be customized where option is available, in accordance with the requirements of the Procuring Agency.

### **Section IX - Contract Forms**

This Section contains forms which, once completed, will become part of the Contract. The forms for Performance Security will be submitted by the successful bidder to whom Letter of Acceptance is issued, before the award of contract.

### **Integrity Pact**

The successful bidder shall be required to furnish Integrity Pact as per the attached format.

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# **PART-A**

## **BIDDING PROCEDURE & REQUIREMENTS**

### **SECTION I: INVITATION TO BIDS**



**GOVERNMENT OF PAKISTAN**  
**PROCUREMENT DIRECTORATE**  
**PAKISTAN RAILWAYS**  
**ADMN BLOCK, P.R. CARRIAGE FACTORY,**  
**SECTOR I-11, ISLAMABAD.**



## INTERNATIONAL TENDER NOTICE

No. DP/9021/2024

Dated : 01.07.2024

1. Worldwide tenders are invited for the supply of material and services for **Repair & Re-Commissioning of Accidental Locomotive No. 9021** according to Two Stage-Two Envelop bidding procedure vide Rule 36(d) of PPRA Rules-2004:
2. Prospective bidder must follow the following schedule:

S. No.	Activity	Duration / Date	Days / Time	Place
i.	Sale / Purchase of tender documents on payment of Rs. 5000/- (non refundable) through a bank draft / pay order in favour of FA&CAO / M&S, P.R. Islamabad.	08.07.2024 to 06.08.2024	Monday - Friday: 09:00 hrs to 16:00 hrs	Office of the Director Procurement, Admn Block, P.R. Carriage Factory Sector I-11, Islamabad
ii.	Pre-Bid Conference	23.07.2024	10:00 hrs	Pakistan Railways, Headquarters office, Lahore.  All tenderers who purchased the Tender Documents may attend.
iii.	Submission / Receipt of tenders	07.08.2024	11:00 hrs	Office of the Director Procurement.
iv.	Opening of tenders	07.08.2024	11:30 hrs	---do---

3. This tender notice is also available on the websites of Pakistan Railways ([www.pakrail.com](http://www.pakrail.com)) and Public Procurement Regulatory Authority ([www.ppra.org.pk](http://www.ppra.org.pk))

**(Amir Abdullah Khan Niazi)**  
**Director Procurement**  
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## **SECTION II: INSTRUCTION TO BIDDERS (ITBs)**

**A. INTRODUCTION:**

1.	<b>Scope of Bid</b>	1.1	The Procuring Agency (PA), as indicated in the <b>Bid Data Sheet (BDS)</b> invites Bids for the provision of Goods as specified in the BDS and <b>Section V - Technical Specifications &amp; Schedule of Requirements</b> . The successful Bidders will be expected to deliver the goods within the specified period and timeline(s) as stated in the <b>BDS</b> .
2.	<b>Source of Funds</b>	2.1	Source of funds is referred in Clause-2 of Invitation for Bids.
3.	<b>Eligible bidders</b>	3.1	A Bidder may be natural person, company or firm or public or semi-public agency of Pakistan or any foreign country, or any combination of them with a formal existing agreement (on Judicial Papers) in the form of a joint venture, consortium, or association. In the case of a joint venture, consortium, or association, all members shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The joint venture, consortium, or association shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture, consortium, or association during the Bidding process, and in case of award of contract, during the execution of contract. <i>(The limit on the number of members of JV or Consortium or Association may be prescribed in BDS, in accordance with the guidelines issued by the PPRA).</i>
		3.2	The appointment of Lead Member in the joint venture, consortium, or association shall be confirmed by submission of a valid Power of Attorney to the Procuring Agency.
		3.3	Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.
		3.4	Any bid submitted by the joint venture, consortium or association shall indicate the part of proposed contract to be performed by each party and each



			party shall be evaluated (or post qualified if required) with request to its contribution only, and the responsibilities of each party shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority.
		3.5	The invitation for Bids is open to all prospective supplier, manufacturers or authorized agents/dealers subject to any provisions of incorporation or licensing by the respective national incorporating agency or statutory body established for that particular trade or business.
		3.6	Foreign Bidders must be locally registered with the appropriate national incorporating body or the statutory body, before participating in the national/international competitive tendering with the exception of such procurements made by the foreign missions of Pakistan. For such purpose the bidder must have to initiate the registration process before the bid submission and the necessary evidence shall be submitted to the procuring agency along with their bid, however, the final award will be subject to the complete registration process.
		3.7	<p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidders may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:</p> <ul style="list-style-type: none"> <li>a) are associated or have been associated in the past, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.</li> <li>b) have controlling shareholders in common; or</li> <li>c) receive or have received any direct or indirect subsidy from any of them; or</li> </ul>

			<p>d) have the same legal representative for purposes of this Bid; or</p> <p>e) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or</p> <p>f) Submit more than one Bid in this Bidding process.</p>
		3.8	<p>A bidder may be ineligible if:</p> <p>(a) he is declared bankrupt or, in the case of company or firm, insolvent;</p> <p>(b) payment in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting (in accordance with the national laws) in the total or partial loss of the right to administer and dispose of its property;</p> <p>(c) legal proceedings are instituted against such Bidder involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of the property;</p> <p>(d) the Bidder is convicted, by a final judgment, of any offence involving professional conduct;</p> <p>(e) the Bidder is blacklisted and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of bid securing declaration.</p> <p>(f) The firm, supplier and contractor is blacklisted or debarred by a foreign country, international organization, or other foreign institutions for the period defined by them.</p>

		3.9	Bidder shall provide the procuring agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.
		3.10	Bidders shall provide such evidence of their continued eligibility to the satisfaction of the Procuring Agency, as the Procuring Agency shall reasonably request.
		3.11	Bidders shall submit proposals relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to the more than ten (10) percent of the Bid price is envisaged.
4.	<b>Eligible Goods and Related Services</b>	4.1	All goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services. For purpose of this Bid, ineligible countries are stated in the section-4 titled as “Eligible Countries”.
		4.2	For purposes of this Clause, “origin” means the place where the goods are mined, grown, cultivated, produced, manufactured, or processed, or through manufacture, procession, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components or the place from where the related services are/to be supplied.
		4.3	The nationality of the supplier that supplies, assembles, distributes, or sells the goods and services shall not determine the origin of the goods.
		4.4	To establish the eligibility of the Goods and the related services, Bidders shall fill the country of origin declarations included in the Form of Bid.
		4.5	If so required in the <b>BDS</b> , the Bidder shall demonstrate that it has been duly authorized by the manufacturer of the goods to deliver in Pakistan (or in respective country in case of procurement by the Pakistani Missions abroad), the goods indicated in its Bid.

12	<b>One Bid per Bidder</b>	5.1	A bidder shall submit only one Bid, in the same bidding process, either individually as a Bidder or as a member in a joint venture or any similar arrangement.
		5.2	No bidder can be a sub-contractor while submitting a Bid individually or as a member of a joint venture in the same Bidding process.
		5.3	A person or a firm cannot be a sub-contractor with more than one bidder in the same bidding process.
6	<b>Cost of Bidding</b>	6.1	The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

**B. BIDDING DOCUMENTS:**

7	<b>Contents of Bidding Documents</b>	7.1	<p>The goods required, bidding procedure, and terms and conditions of the contract are prescribed in the Bidding Documents. In addition to the Invitation to Bids, the Bidding Documents which should be read in conjunction with any addenda issued in accordance with ITB 9.2 include:</p> <p><b>Section I</b> -Invitation to Bids  <b>Section II</b> Instructions to Bidders (ITBs)  <b>Section III</b> Bid Data Sheet (BDS)  <b>Section IV</b> Eligible Countries  <b>Section V</b> Technical Specifications,  Schedule of Requirements  <b>Section VI</b> Forms – Bid  <b>Section VII</b> General Conditions of Contract (GCC)  <b>Section VIII</b> Special Conditions of Contract (SCC)  <b>Section IX</b> Contract Forms</p>
		7.2	The number of copies to be completed and returned with the Bid is specified in the <b>BDS</b> .
		7.3	The Procuring Agency is not responsible for the completeness of the Bidding Documents and their

			addenda, if they were not obtained directly from the Procuring Agency or the signed pdf version from downloaded from the website of the Procuring Agency. However, Procuring Agency shall place both the pdf and same editable version to facilitate the bidder for filling the forms.
		<b>7.4</b>	The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all the information required in the Bidding Documents will be at the Bidder's risk and may result in the rejection of his Bid.
<b>8</b>	<b>Clarification of Bidding Documents</b>	<b>8.1</b>	A prospective Bidder requiring any clarification of the Bidding Documents may notify the Procuring Agency in writing or in electronic form that provides record of the content of communication at the Procuring Agency's address indicated in the <b>BDS</b> .
		<b>8.2</b>	The Procuring Agency will within three (3) working days after receiving the request for clarification, respond in writing or in electronic form to any request for clarification provided that such request is received not later than three (03) days prior to the deadline for the submission of Bids as prescribed in <b>ITB 23.1</b> . However, this clause shall not apply in case of alternate methods of Procurement.
		<b>8.3</b>	Copies of the Procuring Agency's response will be forwarded to all identified Prospective Bidders through an identified source of communication, including a description of the inquiry, but without identifying its source.  In case of downloading of the Bidding Documents from the website of PA, the response of all such queries will also be available on the same link available at the website.
		<b>8.4</b>	Should the Procuring Agency deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under <b>ITB 9</b> .

		<b>8.5</b>	If indicated <b>in the BDS</b> , the Bidder’s designated representative is invited at the Bidder’s cost to attend a pre-Bid meeting at the place, date and time mentioned <b>in the BDS</b> . During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding Documents.
		<b>8.6</b>	Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Bidders who have obtained the Bidding Documents. Any modification to the Bidding Documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to ITB 9. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.
<b>9</b>	<b>Amendment of Bidding Documents</b>	<b>9.1</b>	Before the deadline for submission of Bids, the Procuring Agency for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder or pre-Bid meeting may modify the Bidding Documents by issuing addenda.
		<b>9.2</b>	Any addendum issued including the notice of any extension of the deadline shall be part of the Bidding Documents pursuant to <b>ITB 7.1</b> and shall be communicated in writing or in any identified electronic for that provide record of the content of communication to all the bidders who have obtained the Bidding Documents from the Procuring Agency. The Procuring Agency shall promptly publish the Addendum at the Procuring Agency’s web page identified in the BDS: Provided that the bidder who had either already submitted their bid or handed over the bid to the courier prior to the issuance of any such addendum shall have the right to withdraw his already filed bid and submit the revised bid prior to the original or extended bid submission deadline.

		<b>9.3</b>	<p>To give prospective Bidders reasonable time in which to take an addendum/corrigendum into account in preparing their Bids, the Procuring Agency may, at its discretion, extend the deadline for the submission of Bids:</p> <p>Provided that the Procuring Agency shall extend the deadline for submission of Bid, if such an addendum is issued within last three (03) days of the Bid submission deadline.</p>
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### C. PREPARATION OF BIDS

<b>10</b>	<b>Language of Bid</b>	<b>10.1</b>	<p>The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Agency shall be written in the English language unless specified in the <b>BDS</b>. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in the English language unless specified in the <b>BDS</b>, in which case, for purposes of interpretation of the Bidder, the translation shall govern.</p>
<b>11</b>	<b>Documents and Sample(s) Constituting the Bid</b>	<b>11.1</b>	<p>The Bid prepared by the Bidder shall constitute the following components:</p> <ol style="list-style-type: none"> <li>a) Form of Bid and Bid Prices completed in accordance with <b>ITB 14 and 15</b>;</li> <li>b) Details of the Sample(s) where applicable and requested in the <b>BDS</b>.</li> <li>c) Documentary evidence established in accordance with ITB 13 that the Bidder is eligible and/or qualified for the subject bidding process;</li> <li>d) Documentary evidence established in accordance with <b>ITB 13.3(a)</b> that the Bidder has been authorized by the manufacturer to deliver the goods into Pakistan, where required and where the supplier is not the manufacturer of those goods;</li> </ol>

			<p>e) Documentary evidence established in accordance with ITB 12 that the goods and related services to be supplied by the Bidder are eligible goods and services, and conform to the Bidding Documents;</p> <p>f) Bid security or Bid Securing Declaration furnished in accordance with <b>ITB 18</b>;</p> <p>g) Duly Notarized Power of Attorney authorizing the signatory of the Bidder to submit the bid; and</p> <p>h) Any other document required in the <b>BDS</b>.</p>
		<b>11.2</b>	<p>Where a sample(s) is required by a procuring agency, the sample shall be:</p> <p>(a) submitted as part of the bid, in the quantities, dimensions and other details requested in the <b>BDS</b>;</p> <p>(b) carriage paid;</p> <p>(c) received on, or before, the closing time and date for the submission of bids; and</p> <p>(d) evaluated to determine compliance with all characteristics listed in the <b>BDS</b>.</p>
		<b>11.3</b>	<p>The Procuring Agency shall retain the sample(s) of the successful Bidder. A Procuring Agency shall reject the Bid if the sample(s):</p> <p>(a) do(es) not conform to all characteristics prescribed in the bidding documents; and</p> <p>(b) is/are not submitted within the specified time clearly mentioned in the Bid Data Sheet.</p>
		<b>11.4</b>	<p>Where it is not possible to avoid using a propriety article as a sample, a Bidder shall make it clear that the propriety article is displayed only as an example of the type or quality of the goods being Bided for, and that competition shall not thereby be limited to the extent of that article only.</p>
		<b>11.5</b>	<p>Samples made up from materials supplied by a Procuring Agency shall not be returned to a Bidder nor shall a Procuring Agency be liable for the cost of making them.</p>



		<b>11.6</b>	All samples produced from materials belonging to an unsuccessful Bidder shall be kept by the Procuring Agency till thirty (30) days from the date of award of contract or exhaust of all the grievance forums (including those pending at Authority's Level or in some Court of Law).
<b>12</b>	<b>Documents Establishing Eligibility of Goods and Related Services and Conformity to Bidding Documents</b>	<b>12.1</b>	Pursuant to <b>ITB 11</b> , the Bidder shall furnish, as part of its Bid, all those documents establishing the eligibility in conformity to the terms and conditions specified in the Bidding Documents for all goods and related services which the Bidder proposes to deliver.
		<b>12.2</b>	The documentary evidence of the eligibility of the goods and related services shall consist of a statement in the Price Schedule of the country of origin of the goods and related services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
		<b>12.3</b>	The documentary evidence of conformity of the goods and related services to the Bidding Documents may be in the form of literature, drawings, and data, and shall consist of: <ul style="list-style-type: none"> <li>(a) a detailed description of the essential technical specifications and performance characteristics of the Goods;</li> <li>(b) an item-by-item commentary on the Procuring Agency's Technical Specifications demonstrating substantial responsiveness of the Goods and Services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications;</li> <li>(c) any other procurement specific documentation requirement as stated in the BDS.</li> </ul>
		<b>12.4</b>	The Bidder shall also furnish a list giving full particulars, including available sources and current prices of goods, spare parts, special tools, etc.,

			necessary for the proper and continuing functioning of the Goods during the period <b>specified in the BDS</b> following commencement of the use of the goods by the Procuring Agency.
		<b>12.5</b>	For purposes of the commentary to be furnished pursuant to <b>ITB 12.3(c)</b> above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring Agency in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its Bid, provided that it demonstrates to the Procuring Agency's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.
		<b>12.6</b>	The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation into English shall be attached to the original version.
<b>13</b>	<b>Documents Establishing Eligibility and Qualification of the Bidder</b>	<b>13.1</b>	Pursuant to <b>ITB 11</b> , the Bidder shall furnish, as part of its Bid, all those documents establishing the Bidder's eligibility to participate in the bidding process and/or its qualification to perform the contract if its Bid is accepted.
		<b>13.2</b>	The documentary evidence of the Bidder's eligibility to Bid shall establish to the satisfaction of the Procuring Agency that the Bidder, at the time of submission of its bid, is from an eligible country as defined in Section-4 titled as "Eligible Countries".
		<b>13.3</b>	The documentary evidence of the Bidder's qualifications to perform the contract if its Bid is accepted shall establish to the satisfaction of Procuring Agency that: a) in the case of a Bidder offering to deliver goods under the contract which the Bidder did not manufacture or otherwise produce, the

			<p>Bidder has been duly authorized by the goods' Manufacturer or producer to deliver the goods in Pakistan;</p> <p>b) the Bidder has the financial, technical, and supply/production capability necessary to perform the Contract, meets the qualification criteria specified in <b>BDS</b>.</p> <p>c) in the case of a Bidder not doing business within Pakistan, the Bidder is or will be (if awarded the contract) represented by an Agent in Pakistan equipped, and able to carry out the Supplier's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.</p> <p>d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.</p>
<b>14</b>	<b>Form of Bid</b>	<b>14.1</b>	The Bidder shall fill the Form of Bid furnished in the Bidding Documents. The Bid Form must be completed without any alterations to its format and no substitute shall be accepted.
<b>15</b>	<b>Bid Prices</b>	<b>15.1</b>	The Bid Prices and discounts quoted by the Bidder in the Form of Bid and in the Price Schedules shall conform to the requirements specified below in ITB Clause 15 or exclusively mentioned hereafter in the bidding documents.
		<b>15.2</b>	All items in the Statement of Work must be listed and priced separately in the Price Schedule(s). If a Price Schedule shows items listed but not priced, their prices shall be construed to be included in the prices of other items.
		<b>15.3</b>	Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is still substantially responsive in their absence or due to their nominal nature, the corresponding average price of the respective item(s) of the remaining substantially responsive bidder(s) shall be construed to be the price of those missing item(s):

			<p>Provided that:</p> <p>a) where there is only one (substantially) responsive bidder, or</p> <p>b) where there is provision for alternate proposals and the respective items are not listed in the other bids</p> <p>the procuring agency may fix the price of missing items in accordance with market survey, and the same shall be considered as final price.</p>
		<b>15.4</b>	<p>The Bid price to be quoted in the Form of Bid in accordance with <b>ITB 15.1</b> shall be the total price of the Bid, excluding any discounts offered.</p>
		<b>15.5</b>	<p>The Bidder shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total Bid price of the goods it proposes to deliver under the contract.</p>
		<b>15.6</b>	<p>Prices indicated on the Price Schedule shall be entered separately in the following manner:</p> <p>a) For goods manufactured from within Pakistan (or within the country where procurement is being done in case of foreign missions abroad):</p> <p>i. the price of the goods quoted EXW (ex-works, ex- factory, ex-warehouse, ex-showroom, or off-the- shelf, as applicable), including all customs duties and sales and other taxes already paid or payable:</p> <p style="padding-left: 40px;">A. on the components and raw material used in the manufacturing or assembly of goods quoted ex- works or ex-factory;</p> <p style="text-align: center;">or</p> <p style="padding-left: 40px;">B. on the previously imported goods of foreign origin quoted ex-warehouse, ex-showroom, or off-the-shelf.</p> <p>ii. all applicable taxes which will be payable on the goods if the contract is awarded.</p>

			<p>iii. the price for inland transportation, insurance, and other local costs incidental to delivery of the goods to their final destination, if specified in the <b>BDS</b>.</p> <p>iv. the price of other (incidental or allied) services, if any, listed in the <b>BDS</b>.</p> <p>b) For goods offered from abroad</p> <p>i. the price of the goods shall be quoted CIF named port of destination, or CIP border point, or CIP named place of destination, in the Procuring Agency's country, as specified in the <b>BDS</b>. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible countries. Similarly, the Bidder may obtain insurance services from any eligible source country.</p> <p>or</p> <p>ii. the price of the goods quoted FOB port of shipment (or FCA, as the case may be), if specified in the <b>BDS</b>. or</p> <p>iii. the price of goods quoted CFR port of destination (or CPT as the case may be), if specified in the <b>BDS</b>.</p> <p>iv. the price for inland transportation, insurance, and other local costs incidental to delivery of the goods from the port of entry to their final destination, if specified in the <b>BDS</b>.</p> <p>v. the price of (incidental) services, if any, listed in the <b>BDS</b>.</p>
		<p><b>15.8</b></p>	<p>Prices proposed on the Price Schedule for goods and related services shall be disaggregated, where appropriate as indicated in this Clause. This desegregation shall be solely for the purpose of facilitating the comparison of Bids by the Procuring Agency. This, shall not in any way limit the Procuring Agency's right to contract on any of the terms and conditions offered:-</p> <p style="text-align: center;"><b>a) For Goods:</b></p> <p>i. the price of the Goods, quoted as per</p>

			<p>applicable INCOTERMS as specified in the <b>BDS</b>.</p> <p>ii. all customs duties, sales tax, and other taxes applicable on goods or on the components and raw materials used in their manufacture or assembly, if the contract is awarded to the Bidder, and</p> <p style="text-align: center;"><b>b) For Related Services:</b></p> <p>i. The price of the related services, and</p> <p>ii. All customs duties, sales tax and other taxes applicable in Pakistan, paid or payable, on the related services, if the contract is awarded to the Bidder.</p>
		<b>15.9</b>	<p>Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account. A Bid submitted with an adjustable price will be treated as non-responsive and shall be rejected, pursuant to ITB 28.</p>
		<b>15.10</b>	<p>If so indicated in the Invitation to Bids and Instructions to Bidders, that Bids are being invited for individual contracts (Lots) or for any combination of contracts (packages), Bidders wishing to offer any price reduction for the award of more than one contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual contracts (Lots) within a package.</p>
<b>16</b>	<b>Bid Currencies</b>	<b>16.1</b>	<p>Prices shall be quoted in the following currencies:</p> <p>a) For goods and services that the Bidder will deliver from within Pakistan, the prices shall be quoted in Pakistani Rupees, unless otherwise specified in the <b>BDS</b>.</p> <p>b) For goods and related services that the Bidder will deliver from outside Pakistan, or for imported parts or components of goods and related services originating outside Pakistan,</p>

			the Bid prices shall be quoted in any freely convertible currency of another country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but use no more than three foreign currencies.
		<b>16.2</b>	For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of (financial part of) bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day.
		<b>16.3</b>	Bidders shall indicate details of their expected foreign currency requirements in the Bid.
		<b>16.4</b>	Bidders may be required by the Procuring Agency to clarify their foreign currency requirements and to substantiate that the amounts included in Lump Sum and in the <b>SCC</b> are reasonable and responsive to <b>ITB 16.1</b> .
<b>17</b>	<b>Bid Validity Period</b>	<b>17.1</b>	Bids shall remain valid for the period specified in the <b>BDS</b> after the Bid submission deadline prescribed by the Procuring Agency. A Bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive. The period of Bid validity will be determined from the complementary bid securing instrument i.e. the expiry period of bid security or bid securing declaration as the case may be.
		<b>17.2</b>	Under exceptional circumstances, prior to the expiration of the initial Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids only once, for the period not more than the period of initial bid validity. The request and the Bidders responses shall be made in writing or in electronic forms that provide record of the content of communication. The Bid Security provided under

			<b>ITB 18</b> shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security or causing to be executed its Bid Securing Declaration. A Bidder agreeing to the request will not be required nor permitted to modify its Bid, but will be required to extend the validity of its Bid Security or Bid Securing Declaration for the period of the extension, and in compliance with <b>ITB 18</b> in all respects.
		<b>17.3</b>	If the award is delayed by a period exceeding sixty (60) days beyond the expiry of the initial Bid validity period, the contract price may be adjusted by a factor specified in the request for extension. However, the Bid evaluation shall be based on the already quoted Bid Price without taking into consideration on the above correction.
<b>18</b>	<b>Bid security or Bid Securing Declaration</b>	<b>18.1</b>	Pursuant to <b>ITB 11</b> , unless otherwise specified in the <b>BDS</b> , the Bidder shall furnish as part of its Bid, a Bid Security in form of fixed amount not exceeding five percent of the estimated value of procurement determined by the procuring agency and in the amount and currency specified in the <b>BDS</b> or Bid Securing Declaration as specified in the <b>BDS</b> in the format provided in <b>Section VI (Standard Forms)</b> .
		<b>18.2</b>	The Bid Security or Bid Securing Declaration is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to <b>ITB 18.9</b> .
		<b>18.3</b>	The Bid Security shall be denominated in the local currency or in another freely convertible currency, and it shall be in the form specified in the <b>BDS</b> which shall be in any of the following:  a) a bank guarantee, an irrevocable letter of credit issued by a Scheduled bank in the form provided in the Bidding Documents or another form acceptable to the Procuring Agency and valid for twenty-eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period for Bid Validity is extended. In either case, the form must include the complete name of the Bidder;



			<ul style="list-style-type: none"> <li>b) a cashier's or certified cheque; or</li> <li>c) another security if indicated in the <b>BDS</b></li> </ul>
		<b>18.4</b>	<p>The Bid Security or Bid Securing Declaration shall be in accordance with the Form of the Bid Security or Bid Securing Declaration included in <b>Section VI (Standard Forms)</b> or another form approved by the Procuring Agency prior to the Bid submission.</p>
		<b>18.5</b>	<p>The Bid Security shall be payable promptly upon written demand by the Procuring Agency in case any of the conditions listed in <b>ITB 18.9</b> are invoked.</p>
		<b>18.6</b>	<p>Any Bid not accompanied by a Bid Security or Bid Securing Declaration in accordance with <b>ITB 18.1 or 18.3</b> shall be rejected by the Procuring Agency as non-responsive, pursuant to <b>ITB 28</b>.</p>
		<b>18.7</b>	<p>Unsuccessful Bidders' Bid Security will be discharged or returned as promptly as possible, however in no case later than thirty (30) days after the expiration of the period of Bid Validity prescribed by the Procuring Agency pursuant to <b>ITB 17</b>. The Procuring Agency shall make no claim to the amount of the Bid Security, and shall promptly return the Bid Security document, after whichever of the following that occurs earliest:</p> <ul style="list-style-type: none"> <li>(a) the expiry of the Bid Security;</li> <li>(b) the entry into force of a procurement contract and the provision of a performance security (or guarantee), for the performance of the contract if such a security (or guarantee), is required by the Bidding documents;</li> <li>(c) the rejection by the Procuring Agency of all Bids;</li> <li>(d) the withdrawal of the Bid prior to the deadline for the submission of Bids, unless the Bidding documents stipulate that no such withdrawal is permitted.</li> </ul>

		<b>18.8</b>	The successful Bidder's Bid Security will be discharged upon the Bidder signing the contract pursuant to <b>ITB 41</b> , or furnishing the performance security (or guarantee), pursuant to <b>ITB 42</b> .
		<b>18.9</b>	The Bid Security may be forfeited or the Bid Securing Declaration executed: a) if a Bidder: i) withdraws its Bid during the period of Bid validity as specified by the Procuring Agency, and referred by the bidder on the Form of Bid except as provided for in <b>ITB 17.2</b> ; or ii) does not accept the correction of errors pursuant to <b>ITB 30.3</b> ; or b) in the case of a successful Bidder, if the Bidder fails: i) to sign the contract in accordance with <b>ITB 41</b> ; or ii) to furnish performance security (or guarantee) in accordance with <b>ITB 42</b> .
<b>19</b>	<b>Alternative Bids by Bidder</b>	<b>19.1</b>	Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic Bidder's technical design as indicated in the specifications and Schedule of Requirements. Alternatives will not be considered, unless specifically allowed for in the <b>BDS</b> . If so allowed, <b>ITB 19.2</b> shall prevail.
		<b>19.2</b>	When alternative schedule for delivery of goods is explicitly invited, a statement of that effect will be included in the <b>BDS</b> as will the method for evaluating different schedule for delivery of goods.
		<b>19.3</b>	If so allowed in the <b>BDS</b> , Bidders wishing to offer technical alternatives to the requirements of the Bidding Documents must also submit a Bid that complies with the requirements of the Bidding

			Documents, including the basic technical design as indicated in the specifications. In addition to submitting the basic Bid, the Bidder shall provide all information necessary for a complete evaluation of the alternative by the Procuring Agency, including technical specifications, breakdown of prices, and other relevant details. Only the technical alternatives, if any, of the Most Advantageous Bidder conforming to the basic technical requirements (without altering the bid price) shall be considered by the Procuring Agency.
<b>20.</b>	<b>Withdrawal, Substitution, and Modification of Bids.</b>	<b>20.1</b>	Before bid submission deadline, any bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the corresponding substitution or modification must accompany the respective written notice.
		<b>20.2</b>	Bids requested to be withdrawn in accordance with ITB 20.1 shall be returned unopened to the Bidders.
<b>21</b>	<b>Format and Signing of Bid</b>	<b>21.1</b>	The Bidder shall prepare an original and the number of copies of the Bid as indicated in the <b>BDS</b> , clearly marking each “ORIGINAL” and “COPY,” as appropriate. In the event of any discrepancy between them, the original shall prevail:  Provided that except in Single Stage One Envelope Procedure, the Bid shall include only the copies of technical proposal.
		<b>21.2</b>	The original and the copy or copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the <b>BDS</b> and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, except for un-amended printed literature, shall be initialed by the person or persons signing the Bid.

		<b>21.3</b>	Any interlineations, erasures, or overwriting shall be valid only if they are signed by the person or persons signing the Bidder.
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**D. SUBMISSION OF BIDS**

<b>22</b>	<b>Sealing and Marking of Bids</b>	<b>22.1</b>	In case of Single Stage One Envelope Procedure, the Bidder shall seal the original and each copy of the Bid in separate envelopes, duly marking the envelopes as “ORIGINAL” and “COPY.” The envelopes shall then be sealed in an outer envelope securely sealed in such a manner that opening and resealing cannot be achieved undetected.  <b>Note:</b> <i>The envelopes shall be sealed and marked in accordance with the bidding procedure adopted as referred in Rule-36 of PPR-2004.</i>
		<b>22.2</b>	The inner and outer envelopes shall:  a) be addressed to the Procuring Agency at the address given in the <b>BDS</b> ; and b) bear the title of the subject procurement or Project name, as the case may be as indicated in the <b>BDS</b> , the Invitation to Bids (ITB) title and number indicated in the <b>BDS</b> , and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the <b>BDS</b> , pursuant to <b>ITB 23.1</b> .
		<b>22.3</b>	In case of Single Stage Two Envelope Procedure, The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Proposal and the other Financial Proposal. Both envelopes to be enclosed together in an outer single envelope called the Bid. Each Bidder shall submit his bid as under:  a) Bidder shall submit his <b>TECHNICAL PROPOSAL</b> and <b>FINANCIAL PROPOSAL</b> in separate inner envelopes and enclosed in a single outer envelope. b) <b>ORIGINAL</b> and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such. c) The envelopes containing the <b>ORIGINAL</b> and copies will be put in one sealed envelope and addressed/ identified as given in Sub- Clause 21.2.

		<b>22.4</b>	<p>The inner and outer envelopes shall:</p> <ul style="list-style-type: none"> <li>a) be addressed to the Procuring Agency at the address provided in the Bidding Data;</li> <li>b) bear the name and identification number of the contract as defined in the Bidding Data; and provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data. pursuant to <b>ITB 23.1</b>.</li> <li>c) In addition to the identification required in Sub-Clause 21.2 hereof, the inner envelope shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared “late” pursuant to Clause IB.24.</li> </ul> <p>If all envelopes are not sealed and marked as required by <b>ITB 22.2</b>, <b>ITB 22.3</b> and <b>ITB 22.4</b> or incorrectly marked, the Procuring Agency will assume no responsibility for the misplacement or premature opening of Bid.</p>
<b>23</b>	<b>Deadline for submission of Bids.</b>	<b>23.1</b>	Bids shall be received by the Procuring Agency no later than the date and time specified in the <b>BDS</b> .
		<b>23.2</b>	The Procuring Agency may, in exceptional circumstances and at its discretion, extend the deadline for the submission of Bids by amending the Bidding Documents in accordance with <b>ITB 9</b> , in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline will thereafter be subject to the new deadline.
<b>24</b>	<b>Late Bids</b>	<b>24.1</b>	The Procuring Agency shall not consider for evaluation any Bid that arrives after the deadline for submission of Bids, in accordance with <b>ITB 23</b> .
		<b>24.2</b>	Any Bid received by the Procuring Agency after the deadline for submission of Bids shall be declared late, recorded, rejected and returned unopened to the Bidder.
<b>25</b>	<b>Withdrawal of Bids</b>	<b>25.1</b>	A Bidder may withdraw its Bid after it has been submitted, provided that written notice of the withdrawal of the Bid, is received by the Procuring Agency prior to the deadline for submission of Bids.
		<b>25.2</b>	Revised bid may be submitted after the withdrawal of the original bid in accordance with the provisions referred in <b>ITB 22</b> .

**E. OPENING AND EVALUATION OF BIDS:**

<b>26</b>	<b>Opening of Bids</b>	<b>26.1</b>	The Procuring Agency will open all Bids, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified in the BDS. The Bidders' representatives present shall sign a register as proof of their attendance.
		<b>26.2</b>	First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening.
		<b>26.3</b>	Second, outer envelopes marked "SUBSTITUTION" shall be opened. The inner envelopes containing the Substitution Bid shall be exchanged for the corresponding Original Bid being substituted, which is to be returned to the Bidder unopened. No envelope shall be substituted unless the corresponding Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.
		<b>26.4</b>	Next, outer envelopes marked "MODIFICATION" shall be opened. No Technical Proposal and/or Financial Proposal shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of the Bids. Any Modification shall be read out along with the Original Bid except in case of Single Stage Two Envelope Procedure where only the Technical Proposal, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Proposal, both Original and Modification, will remain unopened till the prescribed financial bid opening date.
		<b>26.5</b>	Other envelopes holding the Bids shall be opened one at a time, in case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each Bid and of any alternative Bid (if alternatives have been requested or permitted), any discounts, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Procurement Evaluation Committee.
		<b>26.6</b>	In case of Single Stage Two Envelope Procedure, the Procuring Agency will open the Technical Proposals in

			public at the address, date and time specified in the <b>BDS</b> in the presence of Bidders` designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings. The Financial Proposals will remain unopened and will be held in custody of the Procuring Agency until the specified time of their opening.
		<b>26.7</b>	The envelopes holding the Technical Proposals shall be opened one at a time, and the following read out and recorded: (a) the name of the Bidder; (b) whether there is a modification or substitution; (c) the presence of a Bid Security, if required; and (d) Any other details as the Procuring Agency may consider appropriate.
		<b>26.8</b>	Bids not opened and not read out at the Bid opening shall not be considered further for evaluation irrespective of the circumstances. In particular, any discount offered by a Bidder which is not read out at Bid opening shall not be considered further.
		<b>26.9</b>	Bidders are advised to send in a representative with the knowledge of the content of the Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder`s representative shall indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bidder`s Bid.
		<b>26.10</b>	No Bid will be rejected at the time of Bid opening except for late Bids which will be returned unopened to the Bidder, pursuant to <b>ITB 24</b> .
		<b>26.11</b>	The Procuring Agency shall prepare minutes of the Bid opening. The record of the Bid opening shall include, as a minimum: the name of the Bidder and whether or not there is a withdrawal, substitution or modification, the Bid price if applicable, including any discounts and alternative offers and the presence or absence of a Bid Security or Bid Securing Declaration.
		<b>26.12</b>	The Bidders` representatives who are present shall be requested to sign on the attendance sheet. The omission of a Bidder`s signature on the record shall not invalidate the contents and affect the record. A copy of the record shall be distributed to all the Bidders.
		<b>26.13</b>	A copy of the minutes of the Bid opening shall be furnished to individual Bidders upon request.

		<b>26.14</b>	In case of Single Stage Two Envelop Bidding Procedure, after the evaluation and approval of technical proposal the procuring agency, shall at a time within the bid validity period, publically open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically non-responsive shall be returned unopened to the respective bidders subject to redress of the grievances from all tiers of grievances.
<b>27</b>	<b>Confidentiality</b>	<b>27.1</b>	Information relating to the examination, clarification evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report.
		<b>27.2</b>	Any effort by a Bidder to influence the Procuring Agency processing of Bids or award decisions may result in the rejection of its Bid.
		<b>27.3</b>	Notwithstanding <b>ITB 27.2</b> from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Procuring Agency on any matter related to the Bidding process, it should do so in writing or in electronic forms that provides record of the content of communication.
<b>28</b>	<b>Clarification of Bids</b>	<b>28.1</b>	To assist in the examination, evaluation and comparison of Bids (and post-qualification if applicable) of the Bidders, the Procuring Agency may, ask any Bidder for a clarification of its Bid including breakdown of prices. Any clarification submitted by a Bidder that is not in response to a request by the Procuring Agency shall not be considered.
		<b>28.2</b>	The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication. In case of Single Stage Two Envelope Procedure, no change in the prices or substance of the Bid shall be sought, offered, or permitted, whereas in case of Single Stage One Envelope Procedure, only the correction of arithmetic errors discovered by the Procuring Agency in the evaluation of Bids should be sought in accordance with <b>ITB 31</b> .
		<b>28.3</b>	The alteration or modification in THE BID which in any affect the following parameters will be considered as a change in the substance of a bid:  a) evaluation & qualification criteria; b) required scope of work or specifications; c) all securities requirements;



			<ul style="list-style-type: none"> <li>d) tax requirements;</li> <li>e) terms and conditions of bidding documents.</li> <li>f) change in the ranking of the bidder</li> </ul>
		<b>28.4</b>	From the time of Bid opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bid it should do so in writing or in electronic forms that provide record of the content of communication.
<b>29</b>	<b><i>Preliminary Examination of Bids</i></b>	<b>29.1</b>	<p>Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:</p> <ul style="list-style-type: none"> <li>a) meets the eligibility criteria defined in <b>ITB 3</b> and <b>ITB 4</b></li> <li>b) has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents;</li> <li>c) has been properly signed;</li> <li>d) is accompanied by the required securities; and</li> <li>e) is substantially responsive to the requirements of the Bidding Documents.</li> </ul> <p>The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.</p>
		<b>29.2</b>	<p>A substantially responsive Bid is one which conforms to all the terms, conditions, and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one that:</p> <ul style="list-style-type: none"> <li>a) affects in any substantial way the scope, quality, or performance of the Services;</li> <li>b) limits in any substantial way, inconsistent with the Bidding Documents, the Procuring Agency's rights or the Bidders obligations under the Contract; or</li> <li>c) if rectified, would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.</li> </ul>
		<b>29.3</b>	The Procuring Agency will confirm that the documents and information specified under <b>ITB 11, 12</b> and <b>13</b> have been provided in the Bid. If any of these documents or information is missing, or is not provided in accordance with the Instructions to Bidders, the Bid shall be rejected.
		<b>29.4</b>	The Procuring Agency may waive off any minor informality, nonconformity, or irregularity in a Bid which does not

			<p>constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.</p> <p><b>Explanation:</b> <i>A minor informality, non-conformity or irregularity is one that is merely a matter of form and not of substance. It also pertains to some immaterial defect in a Bid or variation of a bid from the exact requirements of the invitation that can be corrected or waived without being prejudicial to other bidders. The defect or variation is immaterial when the effect on quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the supplies or services being acquired. The Procuring Agency either shall give the bidder an opportunity to cure any deficiency resulting from a minor informality or irregularity in a bid or waive the deficiency, whichever is advantageous to the Procuring Agency. Examples of minor informalities or irregularities include failure of a bidder to –</i></p> <ul style="list-style-type: none"> <li>a) <i>Submit the number of copies of signed bids required by the invitation;</i></li> <li>b) <i>Furnish required information concerning the number of its employees;</i></li> <li>c) <i>the firm submitting a bid has formally adopted or authorized, before the date set for opening of bids, the execution of documents by typewritten, printed, or stamped signature and submits evidence of such authorization and the bid carries such a signature.</i></li> </ul>
		<b>29.5</b>	<p>Provided that a Technical Bid is substantially responsive, the Procuring Agency may request the Bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Technical Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any such aspect of the technical Proposal linked with the ranking of the bidders. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p>
		<b>29.6</b>	<p>Provided that a Technical Bid is substantially responsive, the Procuring Agency shall rectify quantifiable nonmaterial nonconformities or omissions related to the Financial Proposal. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or nonconforming item or component.</p>
		<b>29.7</b>	<p>If a Bid is not substantially responsive, it will be rejected by the Procuring Agency and may not subsequently be evaluated for complete technical responsiveness.</p>

<b>30</b>	<b>Examination of Terms and Conditions; Technical Evaluation</b>	<b>30.1</b>	The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the <b>GCC</b> and the <b>SCC</b> have been accepted by the Bidder without any material deviation or reservation.
		<b>30.2</b>	The Procuring Agency shall evaluate the technical aspects of the Bid submitted in accordance with <b>ITB 22</b> , to confirm that all requirements specified in <b>Section V – Schedule of Requirements, Technical Specifications</b> of the Bidding Documents have been met without material deviation or reservation.
		<b>30.3</b>	If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not substantially responsive in accordance with <b>ITB 29</b> , it shall reject the Bid.
<b>31</b>	<b>Correction of Errors</b>	<b>31.1</b>	Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: <ul style="list-style-type: none"> <li>a) if there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;</li> <li>b) if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub totals shall prevail and the total shall be corrected; and</li> <li>c) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.</li> <li>d) Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.</li> </ul>
		<b>31.2</b>	The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors and, with, the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bid Securing Declaration may be executed in accordance with <b>ITB 18.9</b> .

<b>32</b>	<b>Conversion to Single Currency</b>	<b>32.1</b>	To facilitate evaluation and comparison, the Procuring Agency will convert all Bid prices expressed in the amounts in various currencies in which the Bid prices are payable. For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of (financial part of ) bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day.
		<b>32.2</b>	The currency selected for converting Bid prices to a common base for the purpose of evaluation, along with the source and date of the exchange rate, are specified in the <b>BDS</b> .
<b>33</b>	<b>Evaluation of Bids</b>	<b>33.1</b>	The Procuring Agency shall evaluate and compare only the Bids determined to be substantially responsive, pursuant to <b>ITB 29</b> .
		<b>33.2</b>	In evaluating the Technical Proposal of each Bid, the Procuring Agency shall use the criteria and methodologies listed in the BDS and in terms of Statement of Requirements and Technical Specifications. No other evaluation criteria or methodologies shall be permitted.
		<b>33.3</b>	The Procuring Agency's evaluation of a Bid will take into account: a) in the case of goods manufactured in Pakistan or goods of foreign origin already imported in Pakistan, Income Tax, General Sales Tax and other similar/ applicable taxes, which will be payable on the goods if a contract is awarded to the Bidder; b) in the case of goods of foreign origin offered from abroad, customs duties and other similar import taxes which will be payable on the goods if the contract is awarded to the Bidder; and
		<b>33.4</b>	The comparison shall be between the EXW price of the goods offered from within Pakistan, such price to include all costs, as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and named port of destination, border point, or named place of destination) in accordance with applicable INCOTERM in the price of the goods offered from outside Pakistan.
		<b>33.5</b>	In evaluating the Bidders, the evaluation committee will, in addition to the Bid price quoted in accordance with ITB

		<p>15.1, take account of one or more of the following factors as specified in the <b>BDS</b>, and quantified in ITB:32.5</p> <ul style="list-style-type: none"> <li>a) Cost of inland transportation, insurance, and other costs within the Pakistan incidental to delivery of the goods to their final destination;</li> <li>b) delivery schedule offered in the Bid.</li> <li>c) deviations in payment schedule from that specified in the Special Conditions of Contract;</li> <li>d) the cost of components, mandatory spare parts, and service;</li> <li>e) the availability (in Pakistan) of spare parts and after-sales services for the equipment offered in the Bid;</li> <li>f) the projected operating and maintenance costs during the life of the equipment;</li> <li>g) the performance and productivity of the equipment offered; and/or</li> <li>h) other specific criteria indicated in the <b>BDS</b> and/or in the Technical Specifications.</li> </ul>
	<p><b>33.6</b></p>	<p>For factors retained in <b>BDS</b>, pursuant to ITB 33.4 one or more of the following quantification methods will be applied, as detailed in the <b>BDS</b>:</p> <ul style="list-style-type: none"> <li>a) <i>Inland transportation from EXW/port of entry/ border point, Insurance and incidentals.</i></li> </ul> <p>Inland transportation, insurance, and other incidental costs for delivery of the goods from EXW/port of entry/border point to Project Site named in the <b>BDS</b> will be computed for each Bid by the PA on the basis of published tariffs by the rail or road transport agencies, insurance companies, and/or other appropriate sources. To facilitate such computation, Bidder shall furnish in its Bid the estimated dimensions and shipping weight and the approximate EXW or as per applicable INCOTERM value of each package. The above cost will be added by the Procuring Agency to EXW or as per applicable INCOTERM price.</p> <ul style="list-style-type: none"> <li>b) <i>Delivery schedule</i> <ul style="list-style-type: none"> <li>i) The Procuring Agency requires that the goods under the Invitation for Bids shall be delivered (shipped) at the time specified in the Schedule of Requirements. The estimated time of arrival of the goods at the Project Site will be calculated for each Bid after allowing for reasonable international and inland transportation time. Treating the Bid resulting in such</li> </ul> </li> </ul>

			<p>time of arrival as the base, a delivery “adjustment” will be calculated for other Bids by applying a percentage, specified in the <b>BDS</b>, of the EXW or as per applicable INCOTERM price for each week of delay beyond the base, and this will be added to the Bid price for evaluation. No credit shall be given to early delivery</p> <p style="text-align: center;">Or</p> <p>ii) The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. <b>No credit will be given to earlier deliveries, and Bids offering delivery beyond this range will be treated as non-responsive.</b> Within this acceptable range, an adjustment per week, as specified in the <b>BDS</b>, will be added for evaluation to the Bid price of Bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements</p> <p style="text-align: center;">Or</p> <p>iii) The goods covered under this invitation are required to be delivered (shipped) in partial shipments, as specified in the Schedule of Requirements. Bids offering deliveries earlier or later than the specified deliveries will be adjusted in the evaluation by adding to the Bid price a factor equal to a percentage, specified in the <b>BDS</b>, of EXW or as per applicable INCOTERM price per week of variation from the specified delivery schedule</p> <p>c). <i>Deviation in payment schedule</i></p> <p>i) Bidders shall state their Bid price for the payment schedule outlined in the SCC. Bids will be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in Bid price they wish to offer for such alternative payment schedule. The Procuring Agency may consider the alternative payment schedule offered by the selected Bidder.</p> <p style="text-align: center;">Or</p> <p>ii) The <b>SCC</b> stipulates the payment schedule offered by the Procuring Agency. If a Bid deviates from the schedule and if such deviation is considered acceptable to the Procuring Agency, the Bid will be evaluated by calculating interest earned for any</p>
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			<p>earlier payments involved in the terms outlined in the Bid as compared with those stipulated in this invitation, at the rate per annum specified in the <b>BDS</b>.</p> <p>d) <i>Cost of Spare Parts.</i></p> <p>i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the BDS, is annexed to the Technical Specifications. The total cost of these items, at the unit prices quoted in each Bid, will be added to the Bid price.</p> <p style="text-align: center;">Or</p> <p>ii) The Procuring Agency will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the <b>BDS</b>. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the Bid price.</p> <p style="text-align: center;">Or</p> <p>iii) The Procuring Agency will estimate the cost of spare parts usage in the initial period of operation specified in the <b>BDS</b>, based on information furnished by each Bidder, as well as on past experience of the Procuring Agency or other Procuring Agency's in similar situations. Such costs shall be added to the Bid price for evaluation.</p> <p>e) <i>Spare parts and after service facilities in Pakistan</i></p> <p>The cost to the Procuring Agency of establishing the minimum service facilities and parts inventories, as outlined in the <b>BDS</b> or elsewhere in the Bidding Documents, if quoted separately, shall be added to the Bid price.</p> <p>f) <i>Operating and maintenance costs</i></p> <p>Since the operating and maintenance costs of the goods under procurement form a major part of the life cycle cost of the equipment, these costs will be evaluated in accordance with the criteria specified in the <b>BDS</b> or in the Technical Specifications.</p> <p>g) <i>Performance and productivity of the equipment.</i></p> <p>(i) Bidders shall state the guaranteed performance or efficiency in response to the Technical Specification. For each drop in the performance or efficiency below</p>
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			<p>the norm of 100, an adjustment for an amount specified in the <b>BDS</b> will be added to the Bid Price, representing the capitalized cost of additional operating costs over the life of the plant, using the methodology specified in the <b>BDS</b> or in the Technical Specifications.</p> <p style="text-align: center;">Or</p> <p>(ii) Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the Bid, and adjustment will be added to the Bid price using the methodology specified in the <b>BDS</b> or in the Technical Specifications.</p> <p><i>h) Specific additional criteria</i></p> <p>Other specific additional criteria to be considered in the evaluation and the evaluation method shall be detailed in the <b>BDS</b> and/or the Technical Specifications.</p>
		<b>33.6</b>	<p>If these Bidding Documents allow Bidders to quote separate prices for different Lots, and the award to a single Bidder of multiple Lots, the methodology of evaluation to determine the lowest evaluated Lot combinations, including any discounts offered in the Form of Bid, is specified in the <b>BDS</b>.</p>
<b>34</b>	<b>Domestic Preference</b>	<b>34.1</b>	<p>If the <b>BDS</b> so specifies, the Procuring Agency will grant a margin of preference to certain goods in line with the rules, regulations, regulatory guides or instructions issued by the Authority from time to time.</p>
<b>35</b>	<b>Determination of Most Advantageous Bid</b>	<b>35.1</b>	<p>In case where the Procuring Agency adopts the Cost Based Evaluation Technique and, the Bid with the lowest evaluated price from amongst those which are eligible, compliant and substantially responsive shall be the Most Advantageous Bid.</p>
		<b>35.2</b>	<p>The Procuring Agency may adopt the Quality &amp; Cost Based Selection Technique due to the following two reasons:</p> <p>i. Where the Procuring Agency knows about the main features, usage and output of the products; however not clear about the complete features, technical specifications and functionalities of the goods to be procured and requires the bidders to submit their proposals defining those features, specifications and functionalities; or</p>



			<p>ii. Where the Procuring Agency, in addition to the mandatory requirements and mandatory technical specifications, requires parameters <b>specified in Evaluation Criteria</b> to be evaluated while determining the quality of the goods;</p> <p>In such cases, the Procuring Agency may allocate certain weightage to these factors as a part of Evaluation Criteria, and may determine the ranking of the bidders on the basis of combined evaluation in accordance with provisions of Rule 2(1)(h) of PPR-2004.</p>
<b>36</b>	<b>Post-qualification of Bidder and/or Abnormally Low Financial Proposal</b>	<b>36.1</b>	<p>After determining the Most Advantageous Bid, if neither the pre-qualification was undertaken separately nor any qualification parameters were undertaken as part of determining the Most Advantageous Bid, the Procuring Agency shall carry out the post-qualification of the Bidder using only the requirements specified in the <b>BDS</b>.</p> <p>In case of International Tendering, the parameters for incorporation or licensing within Pakistan may be fulfilled as part of post qualification.</p>
		<b>36.2</b>	<p>Where the Bid price is considered to be abnormally low, the Procuring Agency shall perform price analysis either during determination of Most Advantageous Bid or as a part of the post-qualification process. The following process shall apply:</p> <p>(a) The Procuring Agency may reject a Bid if the Procuring Agency has determined that the price in combination with other constituent elements of the Bid is abnormally low in relation to the subject matter of the procurement (i.e. scope of the procurement or ancillary services) and raises concerns as to the capability and capacity of the respective Bidder to perform that contract;</p> <p>(b) Before rejecting an abnormally low Bid the Procuring Agency shall request the Bidder an explanation of the Bid or of those parts which it considers contribute to the Bid being abnormally low; take account of the evidence provided in response to a request in writing; and subsequently verify the Bid or parts of the Bid being abnormally low;</p> <p>(c) The decision of the Procuring Agency to reject a Bid and reasons for the decision shall be recorded in the procurement proceedings and promptly communicated to the Bidder concerned;</p> <p>(d) The Procuring Agency shall not incur any liability solely by rejecting abnormally Bid; and</p>

			<p>(e) An abnormally low Bid means, in the light of the Procuring Agency’s estimate and of all the Bids submitted, the Bid appears to be abnormally low by not providing a margin for normal levels of profit.</p> <p><b>Guidance for Procuring Agency:</b>  In order to identify the Abnormally Low Bid (ALB) following approaches can be considered to minimize the scope of subjectivity:</p> <p>(i) Comparing the bid price with the cost estimate;  (ii) Comparing the bid price with the bids offered by other bidders submitting substantially responsive bids; and  (iii) Comparing the bid price with prices paid in similar contracts in the recent past either government- or development partner-funded.</p>
		<b>36.3</b>	<p>The Procuring Agency will determine to its satisfaction whether the Bidder that is selected as having submitted the most advantageous Bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB 13.3.</p>
		<b>36.4</b>	<p>The determination will take into account the Bidder’s financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, pursuant to ITB 13.3, as well as such other information as the Procuring Agency deems necessary and appropriate. Factors not included in these Bidding Documents shall not be used in the evaluation of the Bidders’ qualifications.</p>
		<b>36.5</b>	<p>Procuring Agency may seek “Certificate for Independent Price Determination” from the Bidder and the results of reference checks may be used in determining award of contract.</p> <p><b>Explanation:</b> The Certificate shall be furnished by the bidder. The bidder shall certify that the price is determined keeping in view of all the essential aspects such as raw material, its processing, value addition, optimization of resources due to economy of scale, transportation, insurance and margin of profit etc.</p>
		<b>36.6</b>	<p>An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder’s Bid, in which event the Procuring Agency will proceed to the next ranked bidder to make a similar determination of that Bidder’s capabilities to perform satisfactorily.</p>

## F. AWARD CONTRACT

37	<b>Criteria of Award</b>	37.1	<p>Subject to ITB 36 and 38, the Procuring Agency will award the Contract to the Bidder whose Bid has been determined to be substantially responsive to the Bidding Documents and who has been declared as Most Advantageous Bidder, provided that such Bidder has been determined to be:</p> <ul style="list-style-type: none"> <li>a) eligible in accordance with the provisions of ITB 3;</li> <li>b) is determined to be qualified to perform the Contract satisfactorily; and</li> <li>c) Successful negotiations have been concluded, if any.</li> </ul>
38	<b>Negotiations</b>	38.1	<p>Negotiations may be undertaken with the Most Advantageous Bid relating to the following areas;</p> <ul style="list-style-type: none"> <li>(a) a minor alteration to the technical details of the statement of requirements;</li> <li>(b) reduction of quantities for budgetary reasons, where the reduction is in excess of any provided for in the Bidding documents;</li> <li>(c) a minor amendment to the special conditions of Contract;</li> <li>(d) finalizing payment arrangements;</li> <li>(e) delivery arrangements</li> <li>(f) the methodology for provision of related service; or</li> <li>(g) clarifying details that were not apparent or could not be finalized at the time of Bidding.</li> </ul>
		38.2	<p>Where negotiation fails to result into an agreement, the Procuring Agency may invite the next ranked Bidder for negotiations. Where negotiations are commenced with the next ranked Bidder, the Procuring Agency shall not reopen earlier negotiations.</p>
39	<b>Procuring Agency's Right to reject All Bids</b>	39.1	<p>Notwithstanding <b>ITB 37</b>, the Procuring Agency reserves the right to reject all the bids, and to annul the Bidding process at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders. However, the Authority (i.e. PPRA) may call from the Procuring Agency the justification of those grounds.</p>
		39.2	<p>Notice of the rejection of all Bids shall be given promptly to all Bidders that have submitted Bids.</p>
		39.3	<p>The Procuring Agency shall upon request communicate to any Bidder the grounds for its rejection of its Bids, but is not required to justify those grounds.</p>

<b>40</b>	<b>Procuring Agency's Right to Vary Quantities at the Time of Award</b>	<b>40.1</b>	The Procuring Agency reserves the right at the time of contract award to increase or decrease the quantity of goods or related services originally specified in these Bidding Documents (schedule of requirements) provided this does not exceed by the percentage indicated in the BDS, without any change in unit price or other terms and conditions of the Bid and Bidding Documents.
<b>41</b>	<b>Notification of Award</b>	<b>41.1</b>	Prior to the award of contract, the Procuring Agency shall issue a Final Evaluation Report giving justification for acceptance or rejection of the bids.
		<b>41.2</b>	Where no complaints have been lodged, the Bidder whose Bid has been accepted will be notified of the award by the Procuring Agency prior to expiration of the Bid Validity period in writing or electronic forms that provide record of the content of communication. The Letter of Acceptance will state the sum that the Procuring Agency will pay the successful Bidder in consideration for the execution of the scope of works as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).
		<b>41.3</b>	The notification of award will constitute the formation of the Contract, subject to the Bidder furnishing the Performance Security (or guarantee) in accordance with <b>ITB 43</b> and signing of the contract in accordance with <b>ITB 42.2</b> .
		<b>41.4</b>	Upon the successful Bidder's furnishing of the performance security (or guarantee) pursuant to <b>ITB 43</b> , the Procuring Agency will promptly notify each unsuccessful Bidder, the name of the successful Bidder and the Contract amount and will discharge the Bid Security or Bid Securing Declaration of the Bidders pursuant to <b>ITB 18.7</b> .
<b>42</b>	<b>Signing of Contract</b>	<b>42.1</b>	Promptly after notification of award, Procuring Agency shall send the successful Bidder the draft agreement, incorporating all terms and conditions as agreed by the parties to the contract.
		<b>42.2</b>	Immediately after the Redressal of grievance by the GRC, and <b>after fulfillment of all conditions precedent</b> of the Contract Form, the successful Bidder and the Procuring Agency shall sign the contract.
		<b>42.3</b>	Where no formal signing of a contract is required, purchase order issued to the bidder shall be construed to be the contract.

<b>43</b>	<b>Performance Security (or Guarantee)</b>	<b>43.1</b>	After the receipt of the Letter of Acceptance, the successful Bidder, within the specified time, shall deliver to the Procuring Agency a Performance Security (or Guarantee) in the amount and in the form stipulated in the <b>BDS and SCC</b> , denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the Conditions of Contract.
		<b>43.2</b>	<p>If the Performance Security (or Guarantee) is provided by the successful Bidder and it shall be in the form specified in the <b>BDS</b> which shall be in any of the following:</p> <ul style="list-style-type: none"> <li>(a) certified cheque, cashier's or manager's cheque, or bank draft</li> <li>(b) irrevocable letter of credit issued by a Scheduled bank or in the case of an irrevocable letter of credit issued by a foreign bank, the letter shall be confirmed or authenticated by a Scheduled bank;</li> <li>(c) bank guarantee confirmed by a reputable local bank or, in the case of a successful foreign Bidder, bonded by a foreign bank; or</li> <li>(d) surety bond callable upon demand issued by any reputable surety or insurance company.</li> </ul> <p>Any Performance Security (or guarantee) submitted shall be enforceable in Pakistan.</p>
		<b>43.3</b>	Failure of the successful Bidder to comply with the requirement of <b>ITB 43.1</b> shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security, in which event the Procuring Agency may make the award to the next ranked Bidder or call for new Bids.
<b>44</b>	<b>Advance Payment</b>	<b>44.1</b>	The advance payment will not be provided in normal circumstances. However, in case where international incoterms are involved, the same will be dealt with standard international practices and in the manner as prescribed in ITB 44.2.
		<b>44.2</b>	The Procuring Agency will provide an Advance Payment as stipulated in the Conditions of Contract, subject to a maximum amount, as stated in the <b>BDS</b> . The Advance Payment request shall be accompanied by an Advance Payment Security (Guarantee) in the form provided in Section IX. For the purpose of receiving the Advance Payment, the Bidder shall make and estimate of, and include in its Bid, the expenses that will be incurred in order to commence Delivery of Goods. These expenses will relate to the purchase of equipment, machinery,

			materials, and on the engagement of labor during the first month beginning with the date of the Procuring Agency's "Notice to Commence" as specified in the SCC.
<b>45</b>	<b>Arbitrator</b>	<b>45.1</b>	The Arbitrator shall be appointed by mutual consent of the both parties as per the provisions specified in the SCC.
<b>46</b>	<b>Corrupt &amp; Fraudulent Practices</b>	<b>46.1</b>	Procuring Agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/Suppliers/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts, and will avoid to engage in any corrupt and fraudulent practices.

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

<b>47</b>	<b>Constitution of Grievance Redressal</b>	<b>47.1</b>	Procuring agency shall constitute a Grievance Redressal Committee (GRC) comprising of odd number of person with proper power and authorization to address the complaint. The GRC shall not have any of the members of Procurement Evaluation Committee. The committee must have one subject specialist depending the nature of the procurement.
<b>48</b>	<b>GRC Procedure</b>	<b>48.1</b>	Any party can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the prequalification or bidding documents found contrary to provision of Procurement Regulatory Framework, and the same shall be addressed by the GRC well before the bid submission deadline.
		<b>48.2</b>	Any Bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than seven days of the announcement of technical evaluation report and five days after issuance of final evaluation report.
		<b>48.3</b>	In case, the complaint is filed against the technical evaluation report, the GRC shall suspend the procurement proceedings.
		<b>48.4</b>	In case, the complaint is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report:  Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage one envelop bidding procedure is adopted.
		<b>48.5</b>	The GRC, in both the cases shall investigate and decide upon the complaint within ten days of its receipt.

		<b>48.6</b>	Any bidder or the procuring agency not satisfied with the decision of the GRC may file Appeal before the Appellate Committee of the Authority on prescribed format after depositing the Prescribed fee.
		<b>48.7</b>	The Committee, upon receipt of the Appeal against the decision of the GRC complete in all respect shall serve notices in writing upon all the parties to Appeal.
		<b>48.8</b>	The committee shall call the record from the concerned procuring agency or the GRC as the case may be, and the same shall be provided within prescribed time.
		<b>48.9</b>	The committee may after examination of the relevant record and hearing .all the concerned parties, shall decide the complaint within fifteen (15) days of receipt of the Appeal.
		<b>48.10</b>	The decision of the Committee shall be in writing and shall be signed by the Head and each Member of the Committee. The decision of the committee shall be final.

## H. MECHANISM OF BLACKLISTING

<b>49</b>	<b>Mechanism of Blacklisting</b>	<b>49.1</b>	The Procuring Agency shall bar for not more than the time prescribed in Rule-19 of the Public Procurement Rules, 2004, from participating in their respective procurement proceedings, bidder or contractor who either: <ul style="list-style-type: none"> <li>i) Involved in corrupt and fraudulent practices as defined in Rule-2 of Public Procurement Rules;</li> <li>ii) Fails to perform his contractual obligations; and</li> <li>iii) Fails to abide by the id securing declaration.</li> </ul>
		<b>49.2</b>	The show cause notice shall contain: (a) precise allegation, against the bidder or contractor; (b) the maximum period for which the Procuring Agency proposes to debar the bidder or contractor from participating in any public procurement of the Procuring Agency; and (c) the statement, if needed, about the intention of the Procuring Agency to make a request to the Authority for debarring the bidder or contractor from participating in public procurements of all the procuring agencies.
		<b>49.3</b>	The procuring agency shall give minimum of seven days to the bidder or contractor for submission of written reply of the show cause notice.

		<b>49.4</b>	In case, the bidder or contractor fails to submit written reply within the requisite time, the Procuring Agency may issue notice for personal hearing to the bidder or contractor/authorize representative of the bidder or contractor and the procuring agency shall decide the matter on the basis of available record and personal hearing, if availed.
		<b>49.5</b>	In case the bidder or contractor submits written reply of the show cause notice, the Procuring Agency may decide to file the matter or direct issuance of a notice to the bidder or contractor for personal hearing.
		<b>49.6</b>	The Procuring Agency shall give minimum of seven days to the bidder or contractor for appearance before the specified officer of the Procuring Agency for personal hearing. The specified officer shall decide the matter on the basis of the available record and personal hearing of the bidder or contractor, if availed.
		<b>49.7</b>	The procuring Agency shall decide the matter within fifteen days from the date of personal hearing unless the personal hearing is adjourned to a next date and in such an eventuality, the period of personal hearing shall be reckoned from the last date of personal hearing.
		<b>49.8</b>	The Procuring Agency shall communicate to the bidder or contractor the order of debaring the bidder or contractor from participating in any public procurement with a statement that the bidder or contractor may, within thirty days, prefer a representation against the order before the Authority.
		<b>49.9</b>	Such blacklisting or barring action shall be communicated by the procuring agency to the Authority and respective bidder or bidders in the form of decision containing the grounds for such action. The same shall be publicized by the Authority after examining the record whether the procedure defined in blacklisting and debarment mechanism has been adhered to by the procuring agency.
		<b>49.10</b>	The bidder may file the review petition before the Review Petition Committee Authority within thirty days of communication of such blacklisting or barring action after depositing the prescribed fee and in accordance with “Procedure of filing and disposal of review petition under Rule-19(3) Regulations, 2021”. The Committee shall evaluate the case and decide within ninety days of filing of review petition.



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		<b>49.11</b>	The committee shall serve a notice in writing upon all respondent of the review petition. The notices shall be accompanied by the copies of review petition and all attached documents of the review petition including the decision of the procuring agency. The parties may file written statements along with essential documents in support of their contentions. The Committee may pass such order on the representation may deem fit.
		<b>49.12</b>	The Authority on the basis of decision made by the committee either may debar a bidder or contractor from participating in any public procurement process of all or some of the procuring agencies for such period as the deemed appropriate or acquit the bidder from the allegations. The decision of the Authority shall be final.

## **SECTION III: BID DATA SHEET (BDS)**

## Bid Data Sheet (BDS)

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

BDS Clause Number	ITB Number	Amendments of, and supplements to, Clauses in the Instructions to Bidders
<b>A. Introduction</b>		
1	1.1	<p><b>Name of Procuring Agency:</b> Director Procurement, Pakistan Railways, Government of Pakistan.</p> <p><b>The subject of procurement is:</b> Procurement of Material and Services for Re-Commissioning of Accidental Locomotive</p> <p><b>Period of Delivery of goods:</b> Maximum 18 months including supply of parts and commissioning of locomotive.</p> <p><b>Commencement date for delivery of Goods:</b> Immediately after the contract becomes effective.</p>
2	2.1	<p><b>Financial year for the operations of the Procuring Agency:</b> 2024-25 to 2025-26</p> <p><b>Name of Project:</b> Re-Commissioning of 05 Nos. Accidental Diesel Electric locomotives</p> <p><b>Name of financing institution:</b> Government of Pakistan</p> <p><b>Name and Identification number of the Contract:</b> DP/9021/(<i>year of contract award</i>)</p>
3	3.1	<p><b>Maximum number of members in the joint venture, consortium or association shall be:</b> 3 (Three)</p>
4	3.5	<p>Clause is deleted and replaced with following:  In case of any foreign supplier/manufacturer participating in the bid, it should be incorporated/registered in its country of origin.</p>
5	3.6	<p>Clause is deleted and replaced with following:  It is not obligatory for a foreign firm to have a local agent. Tenders can be submitted directly. Where a local agent exists/is appointed, he shall be bound by the conditions of this clause.</p> <p style="margin-left: 40px;">i. Local Agents must be locally registered with the appropriate national incorporating body or the statutory body, before participating in the national/international competitive tendering.</p>

		<p>ii. Local Agents must possess Power-of-Attorney issued in accordance with Law for signing/executing of contract/opening of Letter of Credit on behalf of the Contractor duly authenticated by the Embassy of Pakistan.  (Note: Letter of Authority shall not be accepted.)</p> <p>iii. Local Agents shall not confine themselves to submitting/progressing/securing of tenders and obtaining clarification from the Contractors. They shall be responsible for the fulfillment of the contract according to specifications and requirement. They shall be liable to legal action besides being debarred/blacklisted in the event the Contract is frustrated due to the fault of the Contractor whom they represent. Local Agent shall also be held responsible in the event the irrevocable banker's guarantee bond for Earnest-money/Performance Bond/Security Deposit Bond are not encashed on demand of the Employer. Local Agents shall, therefore, exercise great caution in representing the Contractors and they shall satisfy themselves with regard to Contractor's financial status, experience, reputation and performance, etc.</p> <p>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 and services rendered as a whole to full working conditions. The satisfactory completion of the contract shall be certified by the Employer or his authorized representative. Commission shall not be payable on conditional certificates. The local agent shall submit bill of 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.</p>
6	3.9	Following shall supplement the Provisions of this clause: Requirements means various requirements mentioned in the bidding documents.
7	4.1	<b>Ineligible countries are</b> as indicated in Section IV (Eligible Countries)
8	4.5	<b>Demonstration of authorization by manufacturer:</b> Manufacturer's authorization required as prescribed in Section-VI
<b>B. Bidding Documents</b>		
9	7.2	Five Copies of bids must be submitted consisting of one

		original and four copies along with a USB containing soft copy of the technical bid.
10	8.1	<b>The address for clarification of Bidding Documents is:</b> Director Procurement Pakistan Railways, Government of Pakistan, Carriage Factory Admin Building, Sector I-11, Islamabad – Pakistan. Tel: 0092-51-9278051 E-mail: dirproc@yahoo.com
	8.5,9.2	<b>Pre-bid meeting</b> will be held as per the schedule as advertised publically in the Procurement Notice. The clarifications issued against the bidding documents along with any addendum (if any) will be advertised on the Pakistan Railway website viz, www.pakrail.com
<b>C. Preparation of Bids</b>		
11	10.1	The language of all correspondences and documents related to the bid is English
12	11.1	Sub Clause (b) is deleted being not applicable.
13	11.2, 11.3 11.4, 11.5 11.6	Clauses are deleted being not applicable.
14	11.1 (h)	Warranty Certificate where required shall be signed & stamped and enclosed with the tender.  All documents will be submitted along with the bid as required specifically or by implication (i.e. any statement of fact made in response to requirement of bidding documents requiring authentication through a documentary evidence) under the tender documents, technical specifications, bidder’s qualification and bid evaluation criteria.
15	12.3 (c)	Other procurement specific documentation requirements are as prescribed in the Technical Specifications.
16	12.4	Requirement of spare parts is contained in the Technical specifications.
17	13.3(b),(d)	The qualification criteria required from Bidders in <b>ITB 13.3(b) and 13.3 (d)</b> is modified as contained in the technical specifications.  The Bidder is required to include with its Bid, documentation from the manufacturer of the goods, that it has been duly authorized to deliver, in Pakistan, the goods indicated in its Bid.

18	15.6	<p>The clause is deleted and replaced with the following:</p> <p>a) Both F.O.B. and C.F.R. prices should be quoted.</p> <p>b) <u>SHIPPING CONDITION.</u></p> <p>(b.i) Please submit quotation on the basis of firm CFR Karachi rates giving breakup of the same showing FOB value, Freight and Commission, etc, separately, supported with “Freight charges Certificate” for Pakistan Railways material issued by Pakistan National Shipping Corporation, Karachi. Such Certificate may be obtained from the following address:</p> <p><b><u>Karachi Office.</u></b></p> <p>PNSC Building, Maulvi Tamiz-ud-Din Road,          P.O.Box No.5350, Karachi.          Telephone Nos.021/99203980 to 99203999 (20 lines)          E. Mail/CABLE. pnsckar @ paknet 3.ptc.pk          NASHCOR – KARACHI.</p> <p><b><u>Lahore Office.</u></b></p> <p>PNSC Regional representative at Lahore.          Telephone Nos. 042/35711193 &amp; 35711194.          The tenderers should give complete information such as total FOB value, weight and measurement of the package(s) for freight assessment, etc., by the PNSC, Karachi.</p> <p>(b.ii) 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 shipping through Shipping Lines other than PNSC.</p> <p>(b.iii) The comparative evaluation of the offers will be done on CFR Karachi basis but Contract Agreement shall be placed on FOB 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 in Pakistan currency.</p>
19	15.9	The prices shall be fixed.
20	16.1 (a)	a) For goods and related services originating in Pakistan the currency of the Bid shall be <i>Pakistani Rupees</i> ;

		b) For goods and related services originating outside Pakistan, the Bidder shall express its Bid in any convertible currency as per regulations of State Bank of Pakistan.
21	16.2	For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day.
22	17.1	Bid validity period shall be 150 days from the date of opening of bids.
23	18.1	(a) All tenderers including Public Sector organizations/agencies must deposit US\$ 130,000.00 "Earnest Money" or "Bid Bond". b) Banker's Guarantee Bond for the earnest money must be attached in original with the tender. Tender not accompanying with original irrevocable banker's guarantee bond shall be rejected. (c) Bid Securing Declaration is not applicable.
24	18.3	Earnest money shall be an irrevocable Banker's Guarantee Bond on non-judicial stamp paper of appropriate value by a Pakistani Scheduled bank or a foreign bank operating in Pakistan which is acceptable for Pakistan Railways in the prescribed form at Section VI B of this document. (Note: Stock Certificate, Insurance Bond, Bearer Bond, Promissory Note, Cash Certificate, Cheque, Bank Draft, etc., shall not be accepted.)
25	19.1	Alternative bids to the requirements of the Bidding Documents will not be permitted.
26	21.1	Five Copies of bids must be submitted consisting of one original and four copies along with a USB containing soft copy of the technical bid.
27	21.2	Written confirmation of authorization is acceptable from the head of the organization on letter head.
<b>D. Submission of Bids</b>		
28	22.2 (a)	Tenders shall be addressed to The Director Procurement, P.R. Carriage Factory, Admin Building, Sector I-11, Islamabad, Pakistan and shall reach the addressee by exact time and date notified. For personal delivery, tender box is placed in a room notified in the tender notice.

29	22.2 (b)	<b>Title of Procurement:</b> Procurement of Material & Services for Re-Commissioning of Accidental Locomotive No. 9021 (GEU-40) <b>ITB title and No:</b> International Tender Notice No. DP/9021/2024 <b>Time and date for submission:</b> As notified in the Procurement Notice.
30	23.1	The deadline for bid submission is as contained in the Procurement Notice or the Corrigendum there against (if any).
<b>E. Opening and Evaluation of Bids</b>		
31	26.1	The Bid opening shall take place at a date, time and place as contained in the Procurement Notice or as amended through a corrigendum there against (if any).
32	32.2	For comparison of bids, each bid price will be valued in terms of a common currency i.e. Pakistani Rupee at the Inter Bank Rate issued by the State Bank of Pakistan on the date of opening of the tender.
33	35	<b>Determination of Most Advantageous Bid</b> ITB Sub-clauses No. 35.1 and 35.2 are deleted and replaced with the following: The bid will be evaluated in accordance with technical evaluation criteria incorporated in the Section-V
34	33.5	The clause is deleted and replaced with the following: In evaluating the Bidders, the evaluation committee will, in addition to the Bid price quoted in accordance with ITB 15.1, take into account, the following factor: a) the cost of components, mandatory spare parts, and services as specified in the Technical specifications;
35	33.6	Sub clause a to c deleted being not applicable.
36	33.6 (d)	Cost of spare parts and services to be quoted/ included as stipulated in the Technical Specifications.
37	33.6	Sub clause e to g deleted being not applicable.
38	33.6 (h)	Reference may be made to Technical Specifications.
39	34.1	Domestic preference not applicable.
40	36.1	Clause is deleted and replaced with the following: The manufacturer/Supplier is required to fulfill the Evaluation Criteria as specified in the Bidding Documents.



<b>F. Award of contract</b>		
41	40.1	Percentage for quantity increase or decrease is 15%.
42	43.1	The Performance Security shall be five percent (5%) of the Contract Price.
43	43.2	Performance Security shall be an irrevocable Banker's Guarantee Bond on non-judicial stamp paper of appropriate value by a Pakistani Scheduled bank or a foreign bank operating in Pakistan which is acceptable for Pakistan Railways in the prescribed form at Section IX of this document.
44	44.1	The Advance Payment shall not be permissible.
45	44.2	The Advance Payment shall not be permissible.
46	45.1	Arbitrator shall be appointed by mutual consent of the both parties.
<b>G. Review of Procurement Decisions</b>		
47	49.1	<p><b>The address of the Procuring Agency:</b>  Director Procurement  Pakistan Railways, Government of Pakistan, Carriage Factory  Admin Building, Sector I-11, Islamabad – Pakistan.  Tel: 0092-51-9278051  Fax: 0092-51-9278118  E-mail: <a href="mailto:dirproc@yahoo.com">dirproc@yahoo.com</a></p> <p><b>The Address of PPRA to submit a copy of grievance:</b>  Grievance Redressal Appellate Committee,  Public Procurement Regulatory Authority,  1<sup>st</sup> Floor, G-5/2, Islamabad, Pakistan  Tel: +92-51-9202254</p>

## **Section IV. Eligible Countries**

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

Following countries are ineligible to participate in the procurement process:

1. India
2. Israel

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

<http://www.dgip.gov.pk/Files/Visa%20Categories.aspx#L>

***SECTION V: SCHEDULE OF REQUIREMENTS,  
TECHNICAL SPECIFICATIONS***

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**TECHNICAL SPECIFICATIONS /SCOPE OF WORK FOR WRECKED  
LOCOMOTIVE DE 9021 (GEU-40)**

**1. BACK GROUND:**

- 1.1 Pakistan Railways intends to Rebuild/Re-commission the accidental/wrecked DE Locomotive No. 9021, GEU-40, into full service application after arranging necessary spares and rebuilding locomotive car body and main frame structure damaged components at locomotive Factory Risalpur by PR labor and will accomplish the jobs with technical assistance of the OEM. PR labour may acquire necessary knowledge and skills from OEM/Bidder during working on this locomotive Re-Building project to attend this class of locomotives in future which were procured on CBU basis.
- 1.2 OEM/Bidder may examine wrecked DE 9021 GEU-40 locomotive physically at PLF in their interest to ascertain the scope of work involved in the Repairs/Rebuilding and confirmation of the facilities available at PLF to Rebuild/Re-commission this locomotive. OEM/Bidder may submit revised requirement of material and scope of work, if deem necessary.
- 1.3 Repairs of all metallic components such as chassis/main frame, superstructure, cabin, etc. will be carried out at Pakistan Railways facilities in PLF Risalpur with available tooling and equipment under Technical Assistance of OEM/Bidder according to OEM standards. General mechanical handling equipment, cleaning equipment and material, welding equipment & material, GEU-40 locomotives special tools received with locomotives available in shops/sheds shall be PR responsibility. Special equipment, tools or material specifically selected to bring in this project, and duly listed on the OEM/Bidder scope will be on firm responsibility. PR shall be responsible for cost of all utilities, consumable required in shop, material for fabrication & main frame repair and test of locomotive.
- 1.4 All out ward transportation cost along with sea worthy packing for qualifications of assemblies on R&R basis shall be borne by the bidder. All locomotive assemblies R&R cores will be examined by the OEM/Bidder representative in Pakistan and cores meeting requirement for UX will be exported.
- 1.5 DE 9021 locomotive work scope consist of supply of drawings, fixtures, material and services to re-commission locomotive and warranty of parts supplied. OEM/Bidder to submit price as complete package for option 1 & option 2.

**2. LOCOMOTIVE DAMAGE ASSESSMENT:**

**2.1 Initial Assessment**

Initial Assessment of DE Loco 9021 was done at Pakistan Locomotive Factory Risalpur and listed components have been identified as damaged.

- Operator Cab Structure
- Aux Cab

- Aux Cab Panels and Wiring
- DB Box
- Traction Pin
- Platform/Fuel Tank
- Platform Assembly
- Blower Engine Cab
- Alternator (partially damaged)
- Diesel Engine (partially damaged)
- Diesel Engine Platform
- Radiator Cab and its Components
- Bogie Trucks ( two )
- Traction Motors (AU)
- Wheel Sets (Combo)
- Other major parts effected are; ( Air dryer, HV cabling/cable tray &Low voltage harnesses partially damaged, Main reservoir tank, TBU's (in trucks, Engine air filter box, Accufuel panel (A side), Batteries, Batt. box structure, Walkways (platform), DB grids, Coupling hooks arrg., Aux cab blower )

### **3. SCOPE OF WORK**

#### **3.1 Option 1:**

Scope of work for this tender is broadly defined below but not limited to it as wrecked locomotive of this class is being rebuilt first time in Pakistan:

##### **3.1.1 Supply of the Material**

OEM/Bidder is required to supply parts package as per Appendix A to build new main frame of locomotive, which contains the list of components/parts which are estimated to be required to bring the locomotive back to operation to meet the OEM's performance standard.

Appendix A-1 consists of parts which come under PR scope to supply/arrange for this locomotive.

##### **3.1.2 Details of the Works/Tasks**

**Appendix B**, contains the list of tasks/works which may be required to Rebuild/ Re-commission this locomotive.

##### **3.1.3 REQUIREMENT OF JIGS AND FIXTURES STANDS**

OEM/Bidder shall provide/arrange necessary internal jigs, fixtures & tooling required to complete the fabrication and assembly of the accidental locomotive. List of the Jigs/Fixtures shall be provided with bid.

### **3.1.4 Drawings:**

OEM/Bidder should provide necessary drawings/layouts/instructions for locomotive assembly, stage wise fabrication, Wiring, connections for sub-assemblies and main assemblies to rebuild this locomotive at PLF under OEM/Bidder supervision. Provision and use of drawings shall be dealt under Proprietary rights of the Bidder/OEM. Instructions for commissioning and load test/trial of the locomotive shall be provided.

Instructions/Drawings for manufacturing and assembly of the bogie truck shall also be provided, if available with OEM. Instructions for commissioning and load test of the locomotive shall also be provided. BOQ of the material for complete locomotive shall also be provided in the form of data sheets.

### **3.1.5 Technical Assistance**

OEM/Bidder Technical Advisor scope of work may consist of the followings:

3.1.5.1 To provide consultations, physical supervision and guidance during execution of the work for accidental locomotive till completion / commissioning.

3.1.5.2 To provide troubleshooting assistance for electrical and mechanical issues during commissioning of locomotive and line trials.

3.1.5.3 To provide technical advice aimed at improving PRs repair / manufacturing processes at PLF/Risalpur.

3.1.5.4 Give technical advice to PR mechanical and operational personnel as required in relation to commissioning of the accidental locomotive.

### **3.1.6 Bidder/Seller Responsibilities**

OEM may ensure availability of Technical Advisor at PR site on a full-time basis for six (6) consecutive months or till Re-commissioning of locomotive whichever is earlier to provide guidance to PR's supervisors and craft workers assigned to repair the locomotive. The work schedule of Technical Advisor shall be five (5) consecutive working days, eight (8) hours a day, excluding week-ends and national holidays in Pakistan.

### **3.1.7 PR Responsibilities**

3.1.7.1 PR shall provide a temporary office space for Bidder Technical Advisor complete with a desk, chair, telephone and internet connection required for the period of service at PLF/Risalpur during the project execution;

**3.1.7.2** PR shall provide a Focal Person to be a single point of contact with OEM/Bidder who will have authority to make timely decisions for all repair related issues, including technical, parts and commercial issues clarifications relevant to the repair of the wrecked locomotive.

**3.1.7.3** PR will provide a suitable and safe working environment; PR shall be responsible for security of the supplier staff.

**3.1.7.4** PR will be responsible for craft labor available and the repair works facilities available.

**3.1.7.5** All the tools, plant & machinery available at PLF shall be examined by OEM/Bidder to assess the requirement of additional tools, equipment which shall be arranged by OEM/Bidder at his cost;

**3.1.7.6** PR shall provide fabrication and welding material, lubricants, consumable, filters, locomotive batteries, 6 combo sets with traction motors, dampers, buffers, TBUs, Air compressor with motor, Diesel fuel, utilities etc., for the locomotive. Car body super structure, hand rails, snow movers, main air reservoirs, etc. which PLF is capable to manufacture shall be provided by PR as per Appendix A-1.

## **3.2 Option 2**

Scope of work for this tender is broadly defined below but not limited to it as to repair wrecked locomotive of this class for first time in Pakistan:

### **3.2.1 Supply of the Material**

OEM/Bidder is required to supply all parts as package as per Appendix C to repair main frame of locomotive, which contains the list of components/parts which are estimated to be required to bring the locomotive back to operation to meet the OEM's performance standard OEM may submit own list as per assessment of the repair work.

### **3.2.2 Details of the Works/Tasks**

**Appendix B**, contains the list of tasks/works which may be required to Rebuild/ Re-commission this locomotive.

### **3.2.3 REQUIREMENT OF JIGS AND FIXTURES STANDS**

OEM/Bidder may provide/arrange necessary internal jigs, fixtures & tooling required for repairing of main frame and other assemblies of the accidental locomotive. List of the Jigs/Fixtures maybe provided with bid. The bidder may guide to modify the existing jigs/ fixtures available at PLF which have been used for manufacturing of Blue Tiger / Chinese Locos.

### **3.2.4 Drawings:**

OEM/Bidder should provide necessary drawings/layouts/instructions for locomotive assembly, Wiring, connections for sub-assemblies and main assemblies to repair this locomotive at PLF under OEM/Bidder supervision. Provision and use of drawings shall be dealt under Proprietary rights of the Bidder/OEM. Instructions for commissioning and load test/trial of the locomotive shall be provided.

### **3.2.5 Technical Assistance**

OEM/Bidder Technical Advisor scope of work may consist of the followings:

3.2.5.1 To provide consultations, physical supervision and guidance during execution of the work for accidental locomotive till completion / commissioning.

3.1.5.2 To provide troubleshooting assistance for electrical and mechanical issues during commissioning of locomotive and line trials.

3.2.5.3 To provide technical advice aimed at improving PRs repair / manufacturing processes at PLF/Risalpur.

3.2.5.4 Give technical advice to PR mechanical and operational personnel as required in relation to commissioning of the accidental locomotive.

### **3.2.6 Bidder/Seller Responsibilities**

OEM may ensure availability of Technical Advisor at PR site on a full-time basis for six (6) consecutive months or till Re-commissioning of locomotive whichever is earlier to provide guidance to PR's supervisors and craft workers assigned to repair the locomotive. The work schedule of Technical Advisor shall be five (5) consecutive working days, eight (8) hours a day, excluding week-ends and national holidays in Pakistan.

### **3.2.7 PR Responsibilities**

3.2.7.1 PR shall provide a temporary office space for Bidder Technical Advisor complete with a desk, chair, telephone and internet connection required for the period of service at PLF/Risalpur during the project execution;

3.2.7.2 PR shall provide a Focal Person to be a single point of contact with OEM/Bidder who will have authority to make timely decisions for all repair related issues, including technical, parts and commercial issues clarifications relevant to the repair of the wrecked locomotive.

3.2.7.3 PR will provide a suitable and safe working environment. PR shall be responsible for security of the supplier staff.



**3.2.7.4** PR will be responsible for craft labor available and the repair works facilities available.

**3.2.7.5** All the tools, plant & machinery available at PLF shall be examined by OEM/Bidder to assess the requirement of additional tools, equipment which shall be arranged by OEM/Bidder at his cost.

**3.2.7.6** PR shall provide fabrication and welding material, lubricants, consumable, filters, locomotive batteries, 6 combo sets with traction motors, dampers, buffers, TBUs, Diesel fuel, utilities etc., for the locomotive. Repair of main frame, engine plate form & other components, car body super structure, hand rails, snow movers, main air reservoirs, CCB-II air brake parts etc. with the assistance of drawings and guidance by the bidder and other necessary parts which PLF is capable to manufacture shall be provided by PR. Bidder will provide specifications of the material to be used for main frame and others.

**3.3** Cost of all options be provided separately

#### **4. SUPPLY OF THE UNFORESEEN PARTS**

Accidental locomotive of GEU-40 class is being rebuilt first time at PLF Risalpur and it may require some unforeseen material requirement and increase in scope of work after dismantling of the locomotive which is badly damaged in serious accident. OEM/Bidder shall ensure that all items which may be required to Re-Build this locomotive should be covered in the material list Appendix A option 1 for new or Appendix C option 2 for repair work. However, any unforeseen additional work/parts will be examined jointly by PR and OEM/Bidder. Mutually agreed only essential material required to complete the Re-commissioning of accidental locomotive shall be finalized. OEM/Bidder may timely submit list of additional parts, if essentially required, to PR. PR shall arrange additional parts under project through direct contracting with OEM/Bidder as per PPRA rules under the project with shortest delivery period to avoid held up of the project. 2% of the FOB parts value be reserved for unforeseen parts on confirmation basis by both parties. Material may be air lifted if possible to meet with the timeline of the project.

#### **5. SUPPLY OF THE VITAL PARTS ON R&R BASIS**

OEM/Bidder may supply the damaged assemblies like Diesel Engine, Dynamic Grid Blower, Modules, Alternator, Radiator fan etc. on Repair & Return basis which has longer lead time. OEM/Bidder, if required, may request PR on proper document to provide on loan basis available assemblies with PR under locomotives 3 year spares to meet the project time line.

## **6. PROPRIETARY REGULATIONS**

GEU-40 locomotive design is the proprietary of M/s GE Transportation USA (now Wabtec Transportation). PR shall abide by the proprietary regulations of the OEM for drawings/instructions and design used in this project.

## **7. DELIVERY PERIOD**

The completion period of Project (9021) may not increase more than 18 months including supply of new/R&R parts and completion of tasks/works i.e. commissioning of locomotive, test, trial etc to put the locomotive in working. The bidder shall submit delivery schedule with the bid.

## **8. ROAD TEST/TRIAL**

Bidder/OEM and PR may arrange load test of the locomotive and light and load road trial for minimum 300 kilometers to check the performance of the locomotive. The locomotive working may be checked on train operation for 6 months and any issues in working may be attended by the PR with OEM assistance. PR shall provide necessary staff, if required.

## **9. WARRANTY**

Warranty of the new parts and R&R parts supplied by OEM/bidder shall be 24 months from date of shipment or 18 months from date of fitment whichever is earlier.

**TECHNICAL EVALUATION CRITERIA OF 9021 GEU-40 (ACCIDENTAL)  
DIESEL ELECTRIC LOCOMOTIVE**

Parameters		Marks	Marks Obtained
<b>PART-1 TECHNICAL ASPECTS</b>			
S. No.	Description	Marks	Marks Obtained
1	The bidder submitted work scope as per clause 1.5 of the tender.	200	
	The bidder has not submitted work scope as clause 1.5 of tender.	0	
2	Confirmation of provision of necessary drawings/instructions of locomotive	600	
	Non Confirmation of provision of necessary drawings/instructions of locomotive	Un-satisfactory explanation may lead to disqualification of bid	
3	Confirmation by the Bidder regarding technical assistance	400	
	Non confirmation by the Bidder regarding technical assistance	0	
4	The bidder is OEM of the Locomotives	200	
	The bidder is not OEM of the Locomotives but has rehabilitated at least 100 Nos. DE locomotives of 3000 HP or above duly documented and verifiable	100	
	The bidder is not OEM of the Locomotives nor rehabilitated at least 100 Nos. DE locomotives of 3000 HP or above	0	
<b>TOTAL</b>		<b>1400</b>	

Note: - *Minimum 80% marks are mandatory to qualify for technical offer / bid suitability before opening of financial bid.*

<b>PART 2: FINANCIAL ASPECTS</b>			
<b>Cost of Locomotive's spare parts, Supervision Charges etc</b>			
<b>S. No.</b>	<b>Description</b>	<b>Marks</b>	<b>Marks Obtained</b>
1	Cost of locomotive Spare Parts/Assemblies, technical assistance	700	
	Comparative statement of each bidders be prepared for the cost of spare parts / assemblies of locomotive and full marks will be awarded to the one having minimum cost. The second position will get 70%, third will get 50% and so on with a difference of 10 %.		
	Total	700	

**Note:** *The Marks obtained in Part -1 will be multiplied by 0.7. Secondly the Marks obtained in Part-2 will be multiplied by 0.3. OVERALL GRADING will be the sum of above two figures.*

**Overall Weightage for Evaluation**

Technical = 70 %

Financial = 30 %

**Appendix A**

**PARTS/MATERIALS NECESSARY FOR THE REPAIR OF THE  
WRECKED LOCOMOTIVE**

<b>Item No.</b>	<b>Quantity</b>	<b>Part No</b>	<b>Description</b>
1.	0	84A226756P1	Block
2.	2	84A226474P1	Block
3.	2	479A588P47	GUARDS END HOSE
4.	16	N402AP79B13	WASHER .875 WIDE
5.	8	499A906ABP6	STOPNUT .75-10
6.	4	499A929AEP13	HOSE, 30"
7.	4	84C631973P1	Hose Asm
8.	4	84C631973P2	Hose Asm
9.	4	41A305038P1	THD SEAL SEAL
10.	1	84X275770SMG8	Light Fab List Enginecab
11.	1	41C629396AEP2	Reservoir
12.	1	84B526373P1	BRACKET SWIVEL
13.	1	84B526370G1	HANGER ASM CHINA MAINLINE
14.	2	N14P35040	Hex bolt
15.	8	N402P48B13	WASHER .75 REG
16.	4	499A906ABP6	STOPNUT .75-10
17.	4	N14P35028	BOLT, HEX GR-8 BLACK .75-10 X 1.75
18.	4	N405P118B13	WASHER, LOCK
19.	1	84B526374P1	HANGER SLIDE
20.	1	84B526376P1	Neoprene Rubber
21.	1	84B526377P1	Bracket Slide
22.	2	N14P35048	BOLT
23.	8	8097592	Gasket, Radiator/Main Air Reservoir
24.	1	84D739301ABG1	Nose Cab Asm
25.	2	84B536828P1	GUSSET
26.	2	84A226807ACP1	Shim
27.	2	84A226807ADP1	Shim
28.	4	84A228453P1	Spacer
29.	4	84A228454P1	Spacer
30.	1	41A314692AVP1	AIR CONDITIONING UNIT HVAC
31.	2	84C631422P1	CLAMP PLATE
32.	10	41B537660P45	HARDENED WASHERS, 1.13"
33.	10	N22P25024B13	BOLT .38-16 X 1.50
34.	2	156B1886BEP22	GASKET
35.	2	497A806P47	Sealant, 1-Part Silicone, Adhesive, 32 oz
36.	1	499A910AAP1	CLAMP .50-1.25D HOSE
37.	1	84B544680P2	Hose

38.	6	84A201309P1	CABLE TIE
39.	1	84D739894G1	Walkway Asm
40.	1	84D739895G1	Walkway Asm
41.	16	N22P29024B13	BOLT .50-13 X 1.50
42.	16	N402P75B13	WASH-WIDE .50
43.	16	N405P45B13	LOCKWASHER .50
44.	1	84C640657P1	Deal Basket
45.	8	84B549265G1	Ladder Bkt Asm
46.	4	N22P33032B13	BOLT 5/8-11 X 2
47.	2	84C629792AEG1	Ladder Brace Asm
48.	2	84C629792AEG2	Ladder Brace Asm
49.	6	41B548215ACP2	COUPLING 4.00 VICTAULIC
50.	2	84B107007ABP1	Coupling
51.	14	41B548215ACP10	VICTAULIC COUPLING 2.00
52.	2	41B548215APP6	VIT. RED COUP. 2-1/2 X 2-750
53.	10	41B548215ACP7	3" COUPLING VICTUALIC
54.	1	156B6203CCP85G	Hose Asm -8 Hose
55.	1	156B6205CGP45G	Hose Asm -12 X 17" L
56.	1	156B6203CFP63G	Hose Asm -8 X 21.50"
57.	1	156B6203CFP57G	Hose Aeroquip .50
58.	16	L400P35B13	WASHER,FLAT,RD,M24,HARDENED,ZN /PLTD
59.	16	L14AP33120B13	Bolt, Hex M24 X 120
60.	16	L216P33B13	Locknut
61.	16	L400P16B13	WASHER, METRIC STEEL, PLAIN
62.	1	84C630850AHG1	Conduit Asm
63.	1	84C630851AHG1	Conduit Asm SI2
64.	7	41A200358P1	STEP LIGHT SOCKET L6.88 INCHXW5.22 INCH
65.	28	N22P21012B13	BOLT .25-20 X .75
66.	6	84A234330P1	Pin Cotter Pin
67.	8	N22P25016B13	BOLT .38-16 X 1.00
68.	4	N402P43B13	WASHER 3/8 REG
69.	8	N405P43B13	LOCKWASHER .38
70.	50	84A201309P1	CABLE TIE
71.	2	84C643013G1	Light Box Asm Fog Lgt Box
72.	4	N402AP73B13	WASHER .38 WIDE
73.	7	50A19-RS75V	Lamp-
74.	4	41A205337ABP1	LIGHT ASM
75.	4	41A205337ABP2	LIGHT ASM CLEAR W/BULB
76.	2	41B549606P1	Retainer, ditch Light Lamp
77.	32	N84P15012B13	Screw, Flat Head, No. 8-32
78.	8	N22P21018B13	Screw, Cap, Hex Head, Steel (Bolt, Hex 1/4-20x1.125in)

79.	8	N405P41B13	LOCKWASHER .25
80.	50	41A252287P1	TIE-WRAP
81.	8	41A317128P1	GASKET
82.	8	N402AP11B13	WASHER .25 NARROW
83.	1	84B519945ARP1	Gasket
84.	1	84D703634ALG1	SCREEN ASM L46.82" x W19.75"
85.	8	N22P29028B13	BOLT .50-13 X 1.75
86.	2	N258P29B13	NUT .50-13
87.	1	84D734717AEG1	Door Arrgt Metric Mat'l.
88.	1	84D734717AGG1	Door Arrgt Metric Mat'l.
89.	1	84D734717AHG1	Door Arrgt Metric Mat'l.
90.	1	84D734717BBG1	Door Arrgt Metric Mat'l
91.	10	84B549618P1	GASKET 1EA - 1FT
92.	1	84C623279AEP1	Label
93.	1	84C623279AEP2	Label
94.	10	41A273352P116	GASKET
95.	2	41A273352P117	GASKET X 52.50"
96.	2	41A273352P118	GASKET X 65.70"
97.	4	41A264942P8	NUT CAP
98.	24	N22P21014B13	BOLT .25-20 X .875
99.	24	41A250668P7	.75 DIA. X .25 TH. WASHER
100.	2	84D739582ABP1	PANEL
101.	28	N402P45B13	WASHER .50 REG
102.	28	N405P45B13	LOCKWASHER .50
103.	28	N22P29020B13	BOLT .50-13 X 1.25
104.	1	84D739436AHG1	Door Asm
105.	1	84D739436AEG1	Door Asm
106.	1	84D739567ACG1	Door Asm
107.	1	84D739566ACG1	Door Asm
108.	1	84D739499ABP1	Sheet
109.	4	84B549332ABP1	Sheet
110.	4	N22P33024B13	HEX BOLT .62-11 X 1.50
111.	4	N405P47B13	WASHER, LOCK SPRING .63
112.	4	N402P17B13	WASHER 5/8 NARROW
113.	1	84B548773ACP1	Angle
114.	1	84D739337AHG1	Gutter Asm
115.	2	41C614988P1	ENCL HDLT ENCLOSURE
116.	8	N402AP42B13	WASHER .31 PLAIN
117.	8	N405P42B13	LOCKWASHER 5/16 REG
118.	5	41A250106P8	Grommet, 1.31" OD, .38" Thk
119.	4	41A314877P1	VISOR,HEADLIGHT ARRANGEMENT,VEHICLE
120.	16	N145P1710B13	SCR ST PH #10-16 X 5/8

121.	14	N402P41B13	WASHER .25 REG
122.	18	N405P41B13	LOCKWASHER .25
123.	14	N22P21012B13	BOLT .25-20 X .75
124.	1	84A221777AEP1	LIGHT LED LIGHT
125.	1	155B9887AAP32	NIPPLE
126.	1	499A918BXP2	BUSHING .75
127.	2	41A306142P2	Ftg, Conduit, 0.75" Locknut w/ Seal
128.	4	N22P21014B13	BOLT .25-20 X .875
129.	1	84D741302G1	Light Box Asm Number Box
130.	1	84D741300G1	Light Box Asm
131.	1	84C642335P1	Cover
132.	1	84C642330P1	Cover
133.	1	41A302476P15	Plast Plug, Blk 1.000in
134.	80	41A215496ABP2	HEX SCR. .31X.75
135.	1	84C611355ABP15	WIPER MOTOR
136.	1	84C611355ABP2	WIPER MOTOR
137.	1	84C611355ABP1	WIPER MOTOR 30 DEG L.H.
138.	10	N80P21020B13	Screw
139.	4	41A243149P2	WIPER BEARING PANTOGRAPH .38
140.	13	84A222799P1	SCREW #10-16 X .375
141.	3	41C617446P1	COVER
142.	1	84B105382G3	COVER ASM
143.	6	N22P21012B13	BOLT .25-20 X .75
144.	6	N402AP41B13	WASHER .25 PLAIN
145.	1	41A243149P1	WIPER BRG PANTOGRAPH .31
146.	1	84C611355ABP4	WIPER MOTOR 30 DEG R.H.
147.	10	499A933ABP9	FTG CONN .25 OD X .25MPT(48F-4-4)O
148.	2	497A803P42	HOSE WIPER
149.	1	499A910ACP3	CLAMP .50
150.	2	41A273673P1	SPACER
151.	2	41A252287P2	TIE-WRAP 14"
152.	1	41B536012P9	WIPER ARM
153.	1	499A914ADP3	WIPER BLADE 12IN
154.	3	84B100880P5	WIPER ARM
155.	1	41A306185P6	CONNECTING ROD
156.	3	499A914ADP4	BLADE
157.	1	84D737509ABG1	Guard Asm
158.	1	84D737509ACG1	Guard Asm
159.	1	84B105314P15	BUMPER .25 X 3.25 X 21
160.	2	84A223053P114	DRAW HOOK ARR
161.	2	84A223053P115	SCREW COUPLER
162.	2	84C605217AHG1	Coupler Supt
163.	2	155B9388BFP256	Bar 1x2.5x16



164.	2	155B9383BFP240	Plate
165.	2	155B9380BFP224	Plate
166.	8	N22P37056B13	BOLT .88-9 X 3.50
167.	4	41B537660P19	HARD WASH 7/8
168.	8	499A906ABP7	NUT STOP .88-9
169.	1	84A236453P3	MUFFLER
170.	16	N733P29036	BOLT .50-13 X 2.25
171.	16	115X2337	Washer, Flat, 0.5 (use 115X2746 for piston assy applications)
172.	1	126X1787-1	Gasket, Graphite, Muffler Heat Shield, support PI muffler
173.	2	84B543093ABG1	Pipe Asm 1.0 Asm
174.	2	84B536130ACG1	Pipe Asm End Plate Asm
175.	2	84B543094ABG1	Valve Asm End Valve Asm
176.	2	84B543093ABG2	Pipe Asm 1.0 Asm
177.	2	84B543094ABG2	Valve Asm End Valve Asm
178.	2	84B536130ACG2	Pipe Asm
179.	4	84B553043P1	Mount Pipe Mount
180.	1	84B536133AFG1	Pipe Asm 1.25 Pipe Asm
181.	1	84B549838ABP1	Tube .50 Tube
182.	4	84B537044AHP1	00.000 01.660 000.191 024.940
183.	1	84B546273ACP1	Tube .50 Tube
184.	2	84B553065G1	Pipe Asm 1.0 Pipe Asm
185.	1	84B546223ADG1	Pipe Asm 1.0 Pipe Asm
186.	1	84B553081P1	Pipe 1.0 Pipe
187.	2	84B553066G1	Pipe Asm 1.25 Asm
188.	1	84B549835ABP1	Tube .50 Tube
189.	1	84B535956AEG1	Pipe Asm 1.25 Pipe Asm
190.	1	84B546245ACP1	Tube .50 Tube
191.	1	84B553059P1	Tube .50 Tube
192.	1	84B546217ACG1	Pipe Asm 1.0 Pipe Asm
193.	1	84B553075P1	Pipe 1.25 Pipe
194.	1	84B537098ACP1	Tube .50 Tube
195.	1	84B546206ADG1	Pipe Asm 1.25 Asm
196.	1	84B549849ABG1	Pipe Asm 1.25 Asm
197.	1	84B553087P1	Pipe 1.0 Pipe
198.	2	84B553055P1	Tube .50 Tube
199.	1	84B536098ACG1	Pipe Asm 1.0 Pipe Asm
200.	4	84B553048P1	Tube
201.	2	84B553090G1	Pipe Asm 1.0 Asm
202.	1	84B536056AEG1	Pipe Asm 1.0 Asm
203.	4	84B553117P1	Pipe 1.0 Pipe
204.	1	84B537076AEG1	Pipe Asm 1.0 Asm
205.	1	84B536085AFG1	Pipe 1.0 Pipe Asm

206.	1	84B536087ACG1	Pipe Asm 1.25 Asm
207.	1	84B553074P1	Pipe 1.25 Pipe
208.	1	84B553092P1	Pipe 1.25 Pipe
209.	1	84B536090ADG1	Pipe Asm .75 Asm
210.	2	84B553089G1	Pipe Asm 1.25 Asm
211.	1	84B536890ACP1	Tube .50 Tube
212.	1	84B536094AEG1	Pipe Asm 1.25 Asm
213.	1	84B553077P1	Tube .50 Tube
214.	1	84B553091P1	Pipe .75 Pipe
215.	1	84B553073G1	Pipe Asm 1.25 Pipe Asm
216.	1	84B553083P1	Pipe 1.0 Pipe
217.	1	84B553047P1	Tube .50 Tube
218.	1	84B553067P1	Tube .50 Tube
219.	1	84B553085P1	Tube .50 Tube
220.	1	84B553060P1	Tube .50 Tube
221.	1	84B553070P1	Tube .50 Tube
222.	1	84B553088G1	Pipe Asm 1.25 Asm
223.	1	84B553064G1	Pipe Asm .75 Asm
224.	1	84B553049P1	Tube .625 Tube
225.	1	84B553054P1	Tube .625 Tube
226.	1	84B553053P1	Tube .625 Tube
227.	1	B50E147A 2615T	00.000 00.625 000.035 240.000
228.	1	84B553094P1	Tube .50 Tube
229.	1	84B553096P1	Tube .625 Tube
230.	1	84B553056P1	Tube .50 Tube
231.	1	84B553084P1	Tube .50 Tube
232.	1	84B553082P1	Tube .50 Tube
233.	1	84B553086P1	Tube .625 Tube
234.	1	84B553058P1	Tube .50 Tube
235.	1	B50E147A 2201T	Hydraulic Seamless Tubing (1roll=20ft)
236.	1	84B553050P1	Tube .625 Tube
237.	1	84B553057P1	Tube .50 Tube
238.	1	84B553069P1	Tube .50 Tube
239.	1	B50E147A 2201T	Hydraulic Seamless Tubing (1roll=20ft)
240.	1	84B553095P1	Tube .50 Tube
241.	1	84B553078ABG1	Pipe Asm 1.0 Pipe Asm
242.	1	84B553062P1	Tube .625 Tube
243.	1	84B553051P1	Tube .625 Tube
244.	1	84B553052P1	Tube .50 Tube
245.	1	84B553093P1	Tube .50 Tube
246.	1	84B553063P1	Tube .50 Tube
247.	1	84B553080P1	Tube .50 Tube
248.	1	84B553068P1	Tube .50 Tube

249.	2	156B6252ATP127	Sheet
250.	1	84B553044G1	Pipe Asm 1.0 Asm
251.	1	84B553045G1	Pipe Asm 1.0 Pipe Asm
252.	2	84B553076G1	Valve Asm
253.	1	84B553097G1	Pipe Asm .50 Valve Asm
254.	1	84B105172ACG6	BRAKE VALVE ASM
255.	2	41C617411P1	Air Valve Vent No 8
256.	19	41A215600ACP6	HEX UNION FTG 1/2 BI-LOK
257.	3	41A215606ACP5	UNION TEE 1/2 BILOK
258.	8	489A270P104	U-bolt
259.	5	41A215603ACP4	Fitting, Brass, 90 deg, .5 x .5
260.	3	41A215603ACP5	Fitting, Brass, Flareless, 90 Deg Union El 5/8 Bilok
261.	5	41A215604ACP13	90 DEG MALE ELB1/2 X 1/2 BILOK
262.	7	41A215601ACP16	MALE CONNECTOR 1/2 BI 1/2 NPT
263.	1	41A215606ACP6	UNION TEE 5/8
264.	1	41A211772P9	FITTING
265.	1	41A210832P4	FTG TEE 1 1/4"
266.	1	41A314419G1	FITTING ADJ WL=1.25 P 1.25 FL
267.	5	41A215600ACP7	Union Tube
268.	3	41A215601ACP19	MALE CONNECTOR 5/8 BI 1/2 NPT
269.	2	41A314419ACG2	FLANGE 1.00 X 1.25
270.	2	41A215604ACP15	FITTING, 90 DEGREE, ELBOW, THREADED
271.	2	84B107644AUG1	Support Asm Tray Support
272.	4	N22P21016B13	BOLT .250"-20X1.00"
273.	14	N22P25016B13	BOLT .38-16 X 1.00
274.	8	N22P25020B13	BOLT .38-16 X 1.25
275.	2	N22P25032B13	BOLT 3/8-16 X 2
276.	3	N22P25036B13	BOLT 3/8-16 X 2 ¼
277.	18	N22P29024B13	BOLT .50-13 X 1.50
278.	1	N22P29020B13	BOLT .50-13 X 1.25
279.	6	N22P29032B13	BOLT .50-13 X 2.00
280.	7	N22P29040B13	BOLT 1/2-13 X 2 ½
281.	15	N22P33040B13	BOLT 5/8-11 X 2 ½
282.	2	N22P33056B13	BOLT HEX 5/8-11 X 3 ½
283.	4	N22P33072B13	BOLT HEX .62-11 X 4.50
284.	20	N258P25B13	NUT .38-16
285.	10	N258P29B13	NUT .50-13
286.	21	N258P33B13	NUT .625-11
287.	27	N402P43B13	WASHER 3/8 REG
288.	8	N402P45B13	WASHER .50 REG
289.	2	N402P47B13	WASHER 5/8 REG
290.	31	N405P43B13	LOCKWASHER .38

291.	21	N405P47B13	WASHER, LOCK SPRING .63
292.	4	499A910ACP3	CLAMP .50
293.	7	499A910ACP39	CLAMP- CLMPG DIA. 0.5 IN
294.	1	499A910ACP4	CLAMP .62
295.	4	709808P1	CLAMP .50 IN. PIPE
296.	2	495A193P10	Pipe Supports
297.	3	495A193P21	Pipe Supt
298.	1	495A193P27	PIPE SUPPORT FAM
299.	7	495A193P4	Pipe Supt
300.	1	495A193P420	Pipe Supts
301.	1	495A193P50	SUPT PIPE
302.	16	499A906AAP4	NUT ELASTICSTOP 3/8
303.	2	499A906AAP5	LOCKNUT 1/2-13
304.	1	41A210262P1	CLAMPS, 4.25"
305.	7	41A210262P19	CLAMP
306.	2	41A210262P20	Clamp
307.	9	709808P3	CLAMP 1 IN.
308.	9	709808P4	CLAMP 1 ¼
309.	20	84A204556P1	STRAPPING
310.	1	84A222619ABP1	PIPE SUPPORT
311.	1	84A222619P1	SUPPORT
312.	1	41A215573P3	CLAMP 3/4 PIPE
313.	2	41B537660P7	HARDENED WASHER1/2 .200 X 1.25
314.	28	41A242555P5	ISOLATOR
315.	2	41A318345G5	TAP BLOCK
316.	51	41A317515P1	TUBE SUPT
317.	4	499A912AAP4	Gasket, .75"
318.	1	499A912AAP5	GASKET 1.00" FLANGE
319.	12	499A912AAP6	GASKET RNG
320.	1	84B553079ACP1	Clamp Plate Stick Clamp
321.	6	41A242453P6	UNION S.W. 1.00
322.	4	41A242453P7	Union, Steel, 1.25"
323.	1	84B553079ABP1	Clamp Bar Stick Clamp
324.	4	41A215573P5	Clamp
325.	4	N22P25024B13	BOLT .38-16 X 1.50
326.	1	84B552865G1	Pipe Support
327.	1	41A215573P6	CLAMP 1.0" .44 HOLE
328.	2	41A315082P2	FLEX TUBIN .25 OD HYTRN C6
329.	1	41A313778AEP2	ELBOW MALE(VS269NTA-4-4)O
330.	2	84A204863P1	LANYARD
331.	2	N548P2264	Hitch Pin, Stainless Steel .969 ID x 4.00 Lg .243 Dia Wire
332.	2	N405P39B13	LOCKWASHER #10

333.	2	N402P9	Washer 9
334.	2	N210P16B13	NUT #10-32
335.	2	N44P16012B13	SCREW MACHINE
336.	1	B50E147A 2615T	00.000 00.625 000.035 240.000
337.	4	N402AP43B13	WASHER .38 PLAIN
338.	2	140X2042	Cap-3/8 Ds
339.	1	84B535722AUP5	ADAPTER L1.85 HEX.87
340.	1	41A313778ADP7	FTG. FEM .50 OD-.50(66NTA-8-8)O
341.	1	156B6203CCP457A	HOSE ASM AEROQUIP
342.	6	41A315082P5	Tubing Plastic, 1/2in Flex Brake Tube,ft
343.	12	41A315082P2	FLEX TUBIN .25 OD HYTRN C6
344.	1	84C623836ASG1	Panel Arr Overhead A
345.	2	41A315082P2	FLEX TUBIN .25 OD HYTRN C6
346.	9	41A242206P16	SNAP BUSHING, 1.55" X 1.55"
347.	4	41A242206P11	BUSHING SNAP-IN
348.	8	N405P39B13	LOCKWASHER #10
349.	8	N80P16012B13	SCREW,RH,PHIL,#10-32 X .750
350.	8	N402AP39B13	WASHER #10 REG
351.	1	84D739790AGP1	Sheet, Lining
352.	1	84D733251CYP1	Lining Sheet
353.	500	3X7863	Velcro-Order in Feet (150FT=1 roll)
354.	1	84D739790BGP1	Lining Sheet
355.	1	84D739790ACP1	Sheet, Lining
356.	1	84D739790APP1	SHEET, LINING
357.	1	84D739790AEP1	LINING DUCT
358.	1	84D739790AFP1	Sheet, Lining Duct
359.	1	84D733251ANP1	SHEET, LINING
360.	1	84D739790BBP1	Sheet, Lining
361.	1	84D733251DAP1	Sheet, Lining Trim
362.	1	84D733251CHP1	SHEET, LINING TRIM
363.	1	84D733251BPP1	Sheet, Lining
364.	1	84D733251BCP1	Sheet, Lining
365.	1	84D739790AYP1	Sheet, Lining
366.	1	84D739790AWP1	Sheet, Lining
367.	1	84D733251BMP3	Sheet, Lining
368.	1	84D733251CMP1	SHEET, LINING
369.	1	84C630896ACG1	HORN ASM
370.	1	156B6203CCP33G	Hose Asm .50" Nom X 14"l
371.	4	N22P29024B13	BOLT .50-13 X 1.50
372.	4	N405P45B13	LOCKWASHER .50
373.	1	41B541600ACP16	FTG-ADPT (MALE) L1.79
374.	1	41C627794AEP1	DOOR SEAL
375.	2	41C627266ABP1	Seal

376.	2	41C627266ACP1	Seal
377.	30	N145P1708B13	STEEL THREAD SCREW #10-16 X 1/2
378.	1	497A806P53	LOCTITE 7931
379.	4	N22P29060B13	BOLT L3.75 THREAD SIZE ½
380.	12	N402AP45B13	WASHER .50 PLAIN
381.	4	N405AP45B13	Washer, Lock 1/2"
382.	4	N258P29B13	NUT .50-13
383.	2	N22P29032B13	BOLT .50-13 X 2.00
384.	2	N22P29022B13	BOLT .50-13 X 1.38
385.	2	499A912AAP6	GASKET RNG
386.	1	41A282003P3	STREET ELL .75 STD 90DG
387.	6	84C630225ADG1	Boot Plate Asm Trkion Mtr
388.	6	499A910AAP14	Clamp, Stainless Steel, Hose, 14.1-19.6"
389.	1	84C642800G2	Conduit Asm
390.	4	84B552848G1	Cover Asm
391.	16	N402P43B13	WASHER 3/8 REG
392.	16	N405P43B13	LOCKWASHER .38
393.	16	N22P25016B13	BOLT .38-16 X 1.00
394.	12	12A103598P5	SEAL
395.	1	499A918BAP5	LOCKNUT 1.25 CONDUIT
396.	2	41A215573P4	Clamp
397.	2	N405P45B13	LOCKWASHER .50
398.	2	N22P25044B13	BOLT 3/8-16 X 2 ¾
399.	14	N405P43B13	LOCKWASHER .38
400.	8	N22P25016B13	BOLT .38-16 X 1.00
401.	2	41A319399P205	Sensor Temp-70"
402.	2	41A319399P206	Sensor Temp-98"
403.	2	41A319399P207	Sensor Temp-140"
404.	12	499A910ACP10	CLAMP .38
405.	6	N258P25B13	NUT .38-16
406.	2	499A910ACP28	P-CLAMP
407.	2	84D731512ACG1	Ladder Asm
408.	8	L14AP21060B13	BOLT, METRIC M12X1.75X60MM
409.	8	84A224648P3	Washer 12
410.	3	84A215582AHP3	Filter Spin Eafb
411.	1	84D739321AVG2	Paint & lettering scotchlite Kit
412.	1	84D739698ALG5	Ind Plate Arr B4 Pnt Rf Kit
413.	1	84B518272AGP52	Ind Plate
414.	1	84C604171P13	(Customized) IND PLATE
415.	1	84D739698ALG1	Ind Plate Arr Aft Pnt Dcl Kit
416.	1	84D739698ALG2	Ind Plate Arr Aft Pnt Dcl Kit
417.	1	84A210551ACG1	Harness, Acw
418.	1	84A210552ABG17	Harness, Cho

419.	1	84A210553ACG8	Harness, Inc
420.	1	84A210556ABG6	Harness, Fol
421.	1	84A210543ABG6	Harness, Vec
422.	1	84A216072P139	Cable Arc
423.	1	84A233797ARP116	Cable Arcnet V-ank
424.	1	84A233797BJP4	Cable Arcnet V-anl
425.	1	84A233797APP92	Cable Arcnet V-anf
426.	1	84C602731ZJG1	Efi Conduit Asm
427.	1	84C615158YBG1	Conduit Asm Bos
428.	1	84C631324G4	ENG LTG CND ASM
429.	1	84C630850AHG1	Conduit Asm
430.	1	84C630851AHG1	Conduit Asm SI2
431.	7	41A200358P1	STEP LIGHT SOCKET L6.88 INCHXW5.22 INCH
432.	28	N22P21012B13	BOLT .25-20 X .75
433.	6	84A234330P1	Pin Cotter Pin
434.	8	N22P25016B13	BOLT .38-16 X 1.00
435.	4	N402P43B13	WASHER 3/8 REG
436.	8	N405P43B13	LOCKWASHER .38
437.	2	84C643013G1	Light Box Asm Fog Lgt Box
438.	4	N402AP73B13	WASHER .38 WIDE
439.	1	84C626738ANG1	Mss Conduit Arr
440.	1	84C626738ANG2	Mss Conduit Arr
441.	1	84C632485AEG1	Cover Asm Cvr Asm
442.	6	N402P43B13	WASHER 3/8 REG
443.	6	N405P43B13	LOCKWASHER .38
444.	6	N22P25016B13	BOLT .38-16 X 1.00
445.	24	N44P9010B13	Screw #4-40x.62
446.	24	N405P35B13	Lockwasher, Steel, Helical Spring
447.	24	N210P9B13	NUT #4-40
448.	1	84A217592G4	Harness, Bxy
449.	1	84A210598G12	Harness, Bcr
450.	1	84A201176P1	Connector, Cylindrical Multi-Contact, 600V, 27 pin
451.	1	84A201176P1	Connector, Cylindrical Multi-Contact, 600V, 27 pin
452.	4	84A207362P1	NUT, HEX
453.	8	41B537660P33	HRD WASHER, 2.25"
454.	4	115X1956-1	41A219279P1 Screw, Hex Head Cap (Bolt, Gen 1-1/4-14 X 4 1/2)
455.	2	119X1061	41B513208G1 SHIM PACK
456.	16	41B537660P22	HARDENED WASHERS
457.	16	N14P43096	SCREW, 6.5"
458.	1	84D739411AEP1	Post

459.	1	84D739409ACG1	Support Asm
460.	1	84D737466AFP1	Channel Diagonal
461.	1	84D737451AFG1	Post Asm
462.	1	84D737417AHP1	Base Angle
463.	1	84D737409ABP1	Post
464.	1	84D708231BAP1	Post
465.	1	84D705273ABG1	PLATE ASM
466.	1	41B519092P3	TAPE RAIL 1 X 6 X .312D
467.	1	84C639900G1	Bracket Asm
468.	1	84C636556ACP1	Gusset
469.	1	84C636555ACP1	Angle
470.	1	84C636554ACP1	Angle
471.	1	84C636544ABP1	Plate
472.	1	84C631525AGG1	Angle
473.	1	84B548882P1	Plate
474.	1	84B544966AEP1	Gusset
475.	1	84A223367AGP1	Doubler Plate
476.	11	41B519092P8	TAPE RAIL 1 X 16 X .312D
477.	3	41B519092P4	TAPE RAIL 1 X 8 X .312D
478.	3	41B519092P2	TAPE RAIL 1 X 4 X .312D
479.	1	84D708464AYP1	Side Sheet A
480.	2	41B548405ABP1	HOOK, LIFFTING
481.	2	84C632341ACP1	Angle
482.	1	84B552225P1	Keeper
483.	2	84A201520ADP1	Channel Latch Keeper
484.	1	84A201520ACP1	Channel Latch Keeper
485.	4	84C642352P1	Sheet Latch Keeper
486.	1	84A223367AFP1	Doubler Plate
487.	1	84A206309P4	AIR DRYER 994-501M
488.	1	84X275770RCG1	RAD CAB LIST RQD CAB
489.	1	84D741557G1	CENTER SECTION
490.	1	84D741682G1	END ASM NO 1
491.	1	84D741683G1	END ASM #2 END
492.	2	84C627528AEP1	COVER
493.	2	84C627528AFP1	COVER
494.	2	84B532988ABP1	PLATE
495.	2	84B532988ACP1	PLATE
496.	2	84B532988ADP1	PLATE
497.	2	84B532988AEP1	PLATE
498.	4	84A238326P1	PLATE
499.	4	84B532101ARP1	BACKUP STRIP
500.	32	84A231250ABP1	BLOCK
501.	1	84C643494G1	GUSSET ASM



502.	1	84D741741G1	Walkway Asm
503.	1	84D741742G1	Walkway Asm
504.	1	84C643008G1	Walkway Asm
505.	1	84D741747G1	Walkway Asm
506.	2	84B533663ACG1	YAW DAMPER ASM
507.	2	84B533663ACG2	YAW DAMPER ASM
508.	4	84D741731P1	TRUCK STOP
509.	24	84B547185AFG1	SLACK ADJUSTER
510.	2	84C643102G1	RESERVOIR SUPT ASM
511.	2	84B104597ABP1	SUPPORT ASM
512.	3	84B104616BYG1	Cleat Supt Asm
513.	3	84B531361AFG1	CLEAT SUPT ASM
514.	12	84B549371P1	ANGLE
515.	4	84C642695G1	TAP BLOCK ASM
516.	2	84B547185AEG1	SLACK ADJUSTER
517.	6	84D741727G1	RING ASM
518.	2	84D741574G1	SUPPORT ASM BATTERY BOX
519.	1	84C642964G1	TUNNEL ASM
520.	1	84C630262AEG1	CABLE DUCT ASM
521.	1	84D741750G1	WALKWAY ASM
522.	1	84D741751G1	WALKWAY ASM
523.	1	84C643014G1	WALKWAY ASM
524.	1	84D741756G1	WALKWAY ASM
525.	1	84C629675AEP1	BOTTOM SHEET
526.	1	84C629675ADP1	BOTTOM SHEET
527.	1	84C629676AHG1	BOTTOM SHEET ASM
528.	1	84D732814ADG1	BOTTOM SHEET ASM
529.	1	84D733141ADG1	BOTTOM SHEET ASM
530.	1	84C629676AGG1	BOTTOM SHEET ASM
531.	4	84C643018G1	CLEVIS ASM TRUCK
532.	1	84C642965G1	MANIFOLD PIPE ASM
533.	1	84C642993G1	SUPPORT ASM OFFSET
534.	1	84C642994G1	SUPPORT ASM OFFSET
535.	1	84C642955G1	TUNNEL ASM SUB ASM
536.	1	84C642996G1	BRACE ASM
537.	4	41A318345ABG5	TAP BLOCK =
538.	1	156B6402BRP204	PLATE 10X102X204
539.	1	84C624151ABG1	SUPPORT ASM
540.	1	84C624151ABG2	SUPPORT ASM
541.	2	41A318345G3	TAP BLOCK
542.	6	84A236481P1	BRACE
543.	4	84B546296ABP1	PLATE
544.	1	84C630262AFG1	CABLE DUCT ASM

545.	1	84C639823ABG1	Walkway Asm
546.	1	84C639826ACG1	WALKWAY SHEET ASM
547.	1	84C642995G1	BRACE ASM
548.	8	84B552947P1	Backup Strip
549.	1	84C643007P1	Walkway Sheet
550.	1	84C639995ABP1	Walkway Sheet
551.	1	84C640318ACP1	WALKWAY SHEET
552.	1	84C640318ABP1	WALKWAY SHEET
553.	2	84B553335ABP1	ANGLE
554.	2	84B553487P1	Angle
555.	2	84B553487AJP1	Angle
556.	2	84B553487ARP1	Angle
557.	2	84B553487ASP1	Angle
558.	2	84B553487ADP1	Angle
559.	2	84B553487AKP1	Angle
560.	2	84B553487ALP1	Angle
561.	2	84D741691G1	MINORPACK ASM
562.	2	84A223053P110	DRAFT GEAR
563.	32	84B552706P1	SHIM
564.	8	499A906ABP12	NUT STOP 1.5 – 6
565.	8	N22P51096	BOLT 1 1/2-6 X 6
566.	16	L400P35B13	WASHER,FLAT,RD,M24,HARDENED,ZN /PLTD
567.	8	L216P33B13	Locknut
568.	8	L14AP33120B13	Bolt, Hex M24 X 120
569.	4	84C643127G1	PULLBOX HBD ASM
570.	10	84A200011P1	LUG
571.	2	84D717526AFG1	Crash Post Asm
572.	1	84C630589ADG1	PIPE ASM
573.	1	84C630589ACG1	PIPE ASM
574.	1	84C630820ACG1	PIPE ASM
575.	1	155B9026AFP244	PIPE 1.25 X 104.5LG
576.	1	155B9027AEP245	PIPE 1.5 X 104.625
577.	4	156B6252BCP98	Sheet
578.	3	41B519092ABP15	TAPE RAIL
579.	4	41B519092P10	TAPE RAIL 1 X 20 X .312D
580.	10	41B519092P15	TAPE RAIL 1.5 X 6 X .312D
581.	1	41B519092P26	TAPE RAIL 3 X 4 X .312D
582.	2	41B519092P33	TAPE RAIL 3 X 18 X .312 D
583.	3	41B519092P4	TAPE RAIL 1 X 8 X .312D
584.	1	41A242447P5	CPLG S WLD
585.	1	41A242447P6	Fitting Steel, Coupling S Weldment 1.5 M/F XS PPE
586.	1	84A204558ABP1	PIPE 1.00 PIPE

587.	1	84A221134P1	PIN
588.	1	84A228848ABP1	PIPE
589.	1	84A234240ACP1	STRIP
590.	4	84A238128P1	BLOCK
591.	2	84B109466ACP1	MOUNTING PLATE
592.	4	84B109494ABP1	DAM
593.	2	84B109495ABP1	MOUNTING PLATE TIE BAR
594.	4	84B514816ACP1	DAM
595.	4	84B514816ADP1	DAM
596.	2	84B516016P1	MOUNTING PLATE
597.	1	84B533402AHP1	COVER PLATE
598.	3	84B536515ABP1	COVER PLATE
599.	4	84B536515ANP1	COVER PLATE
600.	1	84B536646ADP1	COVER PLATE
601.	1	84B536646AEP1	COVER PLATE
602.	1	84B549553P1	PATCH PLATE
603.	2	84B549560P1	WEDGE
604.	2	84B549577ABP1	CLOSEOFF SHEET
605.	1	84B549581G1	TAP BLOCK
606.	4	84B552657P1	MOUNTING BLOCK
607.	1	84B552672P1	GUARD HOSE
608.	1	84B552729P1	TOP PLATE
609.	4	84B552739G1	SUPPORT ASM
610.	1	84B552778P1	CHANNEL
611.	1	84B552779P1	DAM OIL
612.	1	84B552780P1	DAM OIL
613.	1	84C605964AKG1	SUPPORT ASM
614.	1	84C616244ALP1	Screen
615.	1	84C630698ADG1	TOP SHEET ASM
616.	1	84C630832G1	CLEAT SUPT ASM
617.	1	84C640385ABP1	BULKHEAD HOT COLD
618.	1	84C640387ABP1	CHANNEL
619.	1	84C640390ABG1	Drain Pipe Asm
620.	1	84C642854G1	Drain Pipe Asm
621.	1	84C642928G1	DRAIN ASM PLATE
622.	1	84D733333ADG1	TOP SHEET ASM
623.	1	84D733513AEP1	Top Sheet
624.	1	84D733521AEG1	PLENUM SHELF
625.	1	84D738566ACG1	BLWR STAND ASM
626.	1	84D739767ACG1	SUMP ASM
627.	1	84D739768ACG1	SUMP ASM
628.	1	84D739769ACG1	SUMP ASM
629.	1	84D739772ABG1	SUPPORT ASM

630.	1	84D739776ABG1	DECK SHEET
631.	1	84D739776ACP1	DECK SHEET
632.	1	84D739776ADP1	DECK SHEET
633.	1	84D740160ABP1	BULKHEAD
634.	1	84D741614G1	SHEET ASM
635.	1	84D741635G1	SUPPORT ASM
636.	1	84D741637G1	EQUIP SUPT ASM
637.	1	84D741642ABP1	SUMP RETAINER
638.	1	84D741642P1	SUMP RETAINER
639.	1	84D741644ABP1	VANE, AIR
640.	1	84D741644ACP1	VANE, AIR
641.	1	84D741644P1	VANE, AIR
642.	1	84D741809G1	CLOSEOFF SHEET
643.	1	84D741810G1	CLOSEOFF SHEET
644.	1	41B565073G2	GROUND BLOCK
645.	10	41A212514P2	Coupling
646.	1	41A215045P1	Fitting, Socket, Welded, St
647.	2	84C642783P1	CLOSEOFF SHEET
648.	3	84C640388ADG1	CHANNEL ASM
649.	1	84D739773ABP1	SUMP SHEET
650.	1	84D740161ABP1	SHELF CHANNEL
651.	1	84D740161ABP2	SHELF CHANNEL
652.	1	84D740161ACP1	SHELF CHANNEL
653.	2	155B9382ANP32	BAR .375X1.5X2.0
654.	2	84C644107G1	BALLAST ASM
655.	2	84C644108G1	BALLAST ASM
656.	4	84A238857P1	LEG LONG
657.	4	84A238858P1	LEG SHORT
658.	2	84B553664P1	PLATE SUPPORT
659.	2	84B553665P1	PLATE SUPPORTING
660.	4	84A238854P1	STRIP
661.	6	84A238855P1	STRIP
662.	4	84A238856P1	PLATE
663.	1	84X275770TLG6	TRUCK LIST STA-6 (See Note)
664.	1	84X275770SMG1	OPERATOR CAB WELDMENT
665.	2	41C627794AEP1	DOOR SEAL
666.	4	41C627266ABP1	Seal
667.	4	41C627266ACP1	Seal
668.	60	N145P1708B13	STEEL THREAD SCREW #10-16 X ½
669.	1	84D739802ABG1	FLANGE ASM
670.	12	N22P29028B13	BOLT .50-13 X 1.75
671.	12	N402AP45B13	WASHER .50 PLAIN
672.	2	84B516705AYP1	Pipe E-coat

673.	74	499A906AAP6	NUT, STOP .62-11
674.	3	84A226587ABP1	SPACER
675.	1	84A226591P1	Spacer
676.	2	84A226587P1	SPACER
677.	2	2722162P16	GRAB HNDL
678.	4	84A238645P1	SPACER 2x4x.5thk
679.	1	41A314681ABP1	LINK CONNECTION
680.	1	499A918FPP5	CONDUIT FITTING1.25 END CONE
681.	1	41A303957P3	Ell 90 Pull 1.00
682.	1	499A918BAP4	Nut, Lock 1" Conduit
683.	2	709808P2	CLAMP .75
684.	2	84B523158P1	HEATER ASM THERMO
685.	1	499A918FDP8	CONDUIT FITTING 1.50 NPT X 1.25IN
686.	5	84C643439P1	CLIP RETAINING CLIP
687.	10	84C643438P1	CLIP SPRING CLIP
688.	20	41A319329P2	SEALANT MORTITE
689.	300	84A201309P1	CABLE TIE
690.	2	84B535205ALP1	ADAPTER PLATE ADAPTER PLATE
691.	1	84B549948ABG1	CONDUIT ASM CONDUIT ASM
692.	28	N22P25016B13	BOLT .375"-16 X 1.00"
693.	28	N405P43B13	LOCKWASHER .38
694.	10	N402AP13B13	WASHER 3/8 NAR.
695.	11	41B537660P2	HARDENED WASHER3/8 .125 X 1.19
696.	1	84C640703ACG1	CONDUIT ASM MS2 CNDT ASM
697.	1	84C630760AGG1	Conduit Asm 19b
698.	1	84C630759AFG1	Conduit Asm 19g
699.	2	84D733212AGG1	BATTERY BOX ASM
700.	16	84C643169P1	WASHER
701.	12	N22P33088B13	BOLT .62-11 X 5.5
702.	4	N22P33036B13	BOLT, HEX 5/8-11 X 2 ¼
703.	2	41A255963G1	Term Board, 7"
704.	2	41A264911P5	Fitting Conduit, 1.38" OD, .75 Thd
705.	12	41A265615P10	TERMINAL
706.	2	41A296328ASP3	SENSOR
707.	2	41A302476P21	PLUG BUTTON
708.	2	41A312724P1	BAR, 6.75"
709.	4	41B515875ABP1	CABLE CLEAT, 6.75"
710.	4	499A906AAP6	NUT, STOP .62-11
711.	2	499A918BAP3	LOCKNUT .75 CONDUIT
712.	4	499A918BAP5	LOCKNUT 1.25 CONDUIT
713.	1	84A210597G11	HARNESS BAA
714.	1	84B514922BCG1	BATT CABLE CONNBX CABLE
715.	1	84B514922BCG2	BATT CABLE CONNBY CABLE

716.	1	84B514922BCG3	BATT CABLE CONN1JS CABLE
717.	1	84B514922BCG4	BATT CABLE CONN2JS CABLE
718.	12	N210P16B13	NUT #10-32
719.	8	84A221143AEP1	WOOD BLOCKING
720.	6	84A221143AEP2	WOOD BLOCKING
721.	72	N114P1420B13	Screw Thread Forming
722.	2	84A219657ADG1	COVER
723.	8	84C643475G1	STIFFENER ASM
724.	8	84A221143AEP3	WOOD BLOCKING
725.	1	84B549117G1	ANGLE ASM
726.	1	84B549118ABP1	SHEET TB FLOOR COVER
727.	8	N405P43B13	LOCKWASHER .38
728.	8	N22P25016B13	BOLT .375"-16 X 1.00"
729.	1	84D739553ABG1	SHEET, WELD
730.	8	N402AP73B13	WASHER .38 WIDE
731.	24	84B522770G1	SUPPORT CLEAT
732.	6	41A318345ACG2	TAP BLOCK
733.	2	84B511894G1	Cleat Assembly
734.	12	84B104616BYG1	Cleat Supt Asm
735.	2	84B104616G1	CABLE SUPPORT
736.	6	84B552875G1	SUPPORT ASM BRACKET
737.	1	41B519092P5	TAPE RAIL 1 X 10 X .312D
738.	1	84C642994ABG1	CLEAT SUPT ASM
739.	1	84B549742ABG1	CLEAT SUPT ASM
740.	10	41A303833P2	BOLT .625 X 4.06 L
741.	5	84B549368ABG1	SUPPORT ASM
742.	7	84B549368ACG1	SUPPORT ASM
743.	8	41A303833P9	BOLT .625 X 5.19 L
744.	3	41A265999P17	TAPE RAIL 7.0X.76X.312D
745.	2	84B104616AEG1	CLEAT ASM
746.	2	41B519092P19	TAPE RAIL 1.5 X 14 X .312
747.	1	156B1002ADP240	ROD .31X15
748.	7	41B519092P4	TAPE RAIL 1 X 8 X .312D
749.	2	491A625P1	GROUND BLOCK
750.	6	84B522771G1	SUPPORT CLEAT
751.	1	41B519092P88	TAPE RAIL 4X7X.312D
752.	1	84B516737P1	SUPT, BELL
753.	1	84A210578G17	HARNESS, FML
754.	1	84D741587G1	TRAY ASM CBL.COND TRAY
755.	1	84D741888G1	PANEL ASM FUEL GAGE
756.	2	41A215601ACP17	Fitting, Brass, Threaded
757.	1	41A215604ACP13	90 DEG MALE ELB1/2 X 1/2 BILOK
758.	5	N22P25016B13	BOLT .375"-16 X 1.00"

759.	5	N405P43B13	LOCKWASHER .38
760.	1	84C638434ABP1	TUBE
761.	1	84C638435ABP1	TUBE
762.	1	84C638539ABP1	TUBE
763.	1	84C638540ABP1	TUBE
764.	5	N402P13B13	WASHER .38 NARROW
765.	1	499A904CYP42	BUSHING REDUCER PART FAMILY
766.	1	84C643110G1	FUEL MONITOR FUEL MTR SUBASM
767.	6	N22P21012B13	BOLT .25-20 X .75
768.	1	17FM698D1	Panel, 7.5" X 4.5"
769.	4	N402P45B13	WASHER .50 REG
770.	4	N405P15B13	LOCKW .50
771.	4	N22P29020B13	BOLT .50-13 X 1.25
772.	500	41A252287P1	TIE-WRAP
773.	2	N22P21012B13	BOLT .25-20 X .75
774.	5	N170P17016B13	SCREW
775.	5	N405P39B13	LOCKWASHER #10
776.	5	N402P9B13	WASHER #10 NARROW
777.	1	84B529333P1	Sensor Box Sensor Guard
778.	1	41A314360ABP1	GASKET
779.	4	N402P41B13	WASHER .25 REG
780.	20	41A319329P2	SEALANT MORTITE
781.	500	41A252287P1	TIE-WRAP
782.	6	N22P29028B13	BOLT .50-13 X 1.75
783.	1	41A314360ACP1	GASKET
784.	3	N5700P51	PIPE PLUG 1/2 NPT
785.	1	84C623610ACG2	FUEL FILL ARR +KIT FOR G1
786.	1	84A221376ACP1	COUPLING
787.	1	84B106347P1	Adapter, Diesel Locomotive, Fuel Tank, Fill
788.	1	84C606132AEG1	PIPE ASM
789.	1	41A304156P2	CAP ASSEMBLY
790.	1	N5700P51	PIPE PLUG 1/2 NPT
791.	2	155B9006ADP34	PIPE
792.	1	499A904EBP5	UNION 1.250
793.	1	84A212752P35	Valve, Cock Cut-Out
794.	1	155B9006ADP68	PIPE 1.25 X 8.50 TBE
795.	1	709808P4	CLAMP 1 ¼
796.	1	499A919AXP5	ELL 90DG
797.	1	155B9080ABP26	NIPPLE 1.25 X 2.00
798.	1	499A904CEP5	CAP THD
799.	1	84C643496G1	BRACKET ASM
800.	3	N22P29022B13	BOLT .50-13 X 1.38
801.	1	84C642800G2	Conduit Asm

802.	300	84A201309P1	CABLE TIE
803.	4	84B552848G1	Cover Asm
804.	16	N402P43B13	WASHER 3/8 REG
805.	16	N405P43B13	LOCKWASHER .38
806.	16	N22P25016B13	BOLT .375"-16 X 1.00"
807.	12	12A103598P5	SEAL
808.	1	499A918BAP5	LOCKNUT 1.25 CONDUIT
809.	2	41A215573P4	Clamp
810.	2	N405P45B13	LOCKWASHER .50
811.	2	N22P25044B13	BOLT 3/8-16 X 2 ¾
812.	1	84B549043P1	PLATE WELD
813.	2	84B553191P1	ANGLE
814.	1	84B553191ABP1	ANGLE
815.	1	84B549043ACG1	WELD PLATE ASM
816.	1	84B549692ABP1	BRACKET
817.	2	N402P45B13	WASHER .50 REG
818.	4	N22P29020B13	BOLT .50-13 X 1.25
819.	1	41B544940ALP1	Duct Flex Exhaust
820.	2	499A910AAP13	CLAMP 2.50 TO 12.00
821.	1	84D741946G1	DRIP PAN ASM
822.	1	84D741947G1	DRIP PAN ASM
823.	12	N402AP73B13	WASHER .38 WIDE
824.	12	N405P43B13	LOCKWASHER .38
825.	12	N22P25016B13	BOLT .375"-16 X 1.00"
826.	300	41A252287P3	TIE-WRAP 18.00 LG
827.	2	N402AP76B13	WASHER, FLAT 9/16 WIDE
828.	2	84A237166P1	STIFFENER
829.	1	84A237165P1	STIFFENER
830.	15	84B536093AJG1	Support Asm
831.	3	84B536093AHG1	Support Asm
832.	10	84B536093AGG1	Support Asm
833.	1	84B536574AEP1	PIPE 2" NOM
834.	1	84B537511ACP1	SUPPORT BRACKET
835.	1	84B546250ACP1	TUBE .50 INCH
836.	1	84B549783ABP1	PIPE 2.0 PIPE
837.	1	84B552960P1	TUBE .5 INCH
838.	1	84B552961P1	TUBE .5 INCH
839.	1	84C643306G1	PIPE ASM
840.	1	84D730654ACG1	BRACKET ASM
841.	1	156B1283EAP432	TUBE STEEL .50X108LG
842.	2	41A210831P4	FITTING
843.	2	41A211183P5	VALVE DRAIN (580-112)
844.	1	41A212076P1	CHECK VALVE FLANGE HORZ



845.	1	41A215573P4	Clamp
846.	1	41A215600ACP6	HEX UNION FTG 1/2 BI-LOK
847.	2	41A215601ACP14	Fitting, Brass, Threaded, male
848.	1	41A215603ACP4	Fitting, Brass, 90 deg, .5 x .5
849.	1	41A215604ACP13	90 DEG MALE ELB1/2 X 1/2 BILOK
850.	1	41A215606ACP5	UNION TEE 1/2 BILOK
851.	1	41A215937P14	Fitting, Flange, 1in Pipe
852.	1	41A215937P9	Flange, 1.25" Pipe, 2.0" Flg.
853.	1	41A242453P9	Union, Steel, 2.0"
854.	1	41A314419G6	FITTING ADJ WL=1.00 P 1.25 FL
855.	1	41A315657ABG3	Flange, Assembly
856.	2	41B511171G4	FLANGE 8.25"X7"
857.	1	495A193P93	Supports, Steel Pipe, Locomotive
858.	8	499A910ACP3	CLAMP .50
859.	2	115X2238	O Ring
860.	5	499A912AAP6	GASKET RNG
861.	9	8097592	Gasket, Radiator/Main Air Reservoir
862.	1	709808P4	CLAMP 1 ¼
863.	5	709808P6	CLAMP 2 IN.
864.	4	N170AP29064B13	Screw, Hex Head Socket Cap, Steel ( Valve Mount)
865.	7	N22P21012B13	BOLT .25-20 X .75
866.	1	N22P21016B13	BOLT .250"-20X1.00"
867.	1	N22P28024B13	Hex Bolt
868.	1	N22P29048B13	BOLT 1/2-13 X 3
869.	5	N22P29024B13	BOLT .50-13 X 1.50
870.	4	N22P33032B13	BOLT 5/8-11 X 2
871.	6	N22P33040B13	BOLT 5/8-11 X 2 ½
872.	2	N22P35032B13	BOLT HEX .75-10X2.00
873.	8	N22P35048B13	BOLT L3.00 THREAD SIZE ¾
874.	2	N22P35052B13	BOLT HEX .75-10 X 3.25
875.	1	N258P21B13	NUT .25-20
876.	3	N258P29B13	NUT .50-13
877.	6	N258P33B13	NUT .625-11
878.	1	N402P45B13	WASHER .50 REG
879.	4	N258P35B13	NUT HEX
880.	10	N405P47B13	WASHER, LOCK SPRING .63
881.	12	N405P48B13	LOCKWASHER .75
882.	2	N5700P44	PLUG 3/8 CSK HEX
883.	1	495A193P50	SUPT PIPE
884.	1	41A113473DLG1	R & R Diesel Engine
885.	1	5GMG210B1	R & R Alternator
886.	2	348X1002	Engine mounting foot

887.	8	L115AP30100	Bolt, 12 point HD, M20 X 1.5, 100 MM Long
888.	8	215X1094	WASHER M20
889.	4	84A201919P2	Mount, Locomotive, Engine
890.	2	84B109465P1	Mounting Plate
891.	16	41B537660P18	Washer Hardened
892.	16	N733P37032	Screw, 12 Point, Steel (Bolt, 12 Point, 7/8 IN-9, 2 In. long)
893.	20	N203P49	Nut, Hex
894.	4	221X1038-1	Guard Cap, Cylinder Stud
895.	4	N14P37052B13	BOLT GRADE 8 7/8-9 X 3.25
896.	4	N14P48144B13	BOLT 1.375-6 X 9.0
897.	16	N14P33032B13	BOLT GRADE 8 5/8-11 X 2
898.	1	84D704428AGG2	ENG ALT ASM KIT FOR G1
899.	4	41B537163ABP1	SHIM
900.	1	84D704427AEG3	TIE BAR SET 1-G1 & 1-G2
901.	1	84D704427AEG4	ENG WEB KIT 4 G2
902.	1	84C620261ABG1	TIE BAR ASM
903.	1	84C620261ABG2	TIE BAR ASM
904.	4	84A207362P1	NUT, HEX
905.	8	41B537660P33	HRD WASHER, 2.25"
906.	4	115X1956-1	Screw, Hex Head Cap (Bolt, Gen 1-1/4-14 X 4 1/2)
907.	2	119X1061	SHIM PACK
908.	30	41B537660P16	HARDENED WASHER3/4 .21 X 1.375
909.	30	N14P34044B13	BOLT .75-16 X 2.75
910.	2	84C604419AVP1	Channel
911.	1	84D733535AJG1	Channel,weldment
912.	1	84C604507AKG1	Nut Plate Asm
913.	1	84C604507AKG2	Nut Plate Asm
914.	1	84D740585ABP1	Seal Angle
915.	1	84D740585ABP2	Seal Angle
916.	1	84D739847ACG1	Seal Asm
917.	1	84D739847ACG2	SEAL ASM
918.	4	84A238129ABP1	Angle
919.	4	84B537858P1	Sheet Banding
920.	1	84C630881ADG1	Angle Asm
921.	1	84C630880ADG1	ANGLE ASM
922.	1	156B1885JNP491	Gasket 1.0x1.5x61.38
923.	1	156B1885JPP28	Gasket 1.0x1.62x3.5
924.	1	156B1885JNP186	Gasket 1.0x1.5x23.25
925.	1	156B1885JNP512	Gasket 1.0x1.5x64.0
926.	1	84B536959AEP1	Banding Strip
927.	1	84B536959ADP1	BANDING STRIP

928.	2	84B550781ACP1	Sheet
929.	10	84C630949ABP1	Shim
930.	1	84B536972ABP1	Banding Strip
931.	1	84C630951ABP1	BANDING STRIP
932.	10	155B9085BAP192	Strip Back Up Strip
933.	1	84B536997ABP1	End Cap
934.	1	84B536955ABP1	Banding Strip
935.	2	156B1885NTP120	Gasket 1.5x2.0x15.0
936.	2	156B1885NTP84	Gasket 1.5x2.0x10.5
937.	14	N22P29016B13	BOLT .50-13 X 1.00
938.	40	N402AP45B13	WASHER .50 PLAIN
939.	20	N22P33032B13	BOLT 5/8-11 X 2
940.	24	N405P47B13	WASHER, LOCK SPRING .63
941.	26	N402AP47B13	WASHER .62 REG.
942.	4	N22P33024B13	HEX BOLT .62-11 X 1.50
943.	12	N22P29048B13	BOLT 1/2-13 X 3
944.	14	N22P29018B13	BOLT .50-13 X 1.13
945.	23	N22P25016B13	BOLT .375"-16 X 1.00"
946.	23	N405P43B13	LOCKWASHER .38
947.	23	N402AP43B13	WASHER .38 PLAIN
948.	2	N22P33016B13	BOLT L1.00 THREAD SIZE 5/8
949.	36	N70P3512	SET SCREW
950.	2	84B548697P1	BRACKET
951.	1	41A314677AHP1	HOSE
952.	2	499A910AAP5	Clamp, Stainless Steel, Hose, 1.5 to 3.5"
953.	20	N51P21012B13	Screw
954.	1	84D735601ADG1	COMPRESSOR ARR WATER COOL
955.	6	N22P39044B13	BOLT 1"-8 X 2 ¾
956.	6	41B537660P20	HARDENED WASHER1" .24 X 2"UNPL
957.	1	41B541600AAP2	FITTING ELBOW 1/4 X .44-20
958.	1	155B9080ABP2	NIPPLE .25 X .88 LONG
959.	1	140X2236	Tee, Steel (.25 X .25 X .25In.)
960.	1	41A245648G1	FTG w/ male conn qck disnt
961.	1	41A317303ACP21	Pressure Sensor Oil Filter
962.	1	84B549938P3	Flexible Hose
963.	1	41B542608GAP1	HOSE ASM
964.	1	84B531482G1	Flange Asm
965.	1	491A318P28	Gasket,a/c,4-1/2 Flange,ht
966.	1	41A219499P228	O-RING
967.	4	N22P29024B13	BOLT .50-13 X 1.50
968.	1	41A219499P227	O Ring, Nitrile Rubber, wtr dump vlv
969.	2	N22P33048B13	BOLT 5/8-11 X 3.00
970.	2	N405P47B13	WASHER, LOCK SPRING .63

971.	2	N258P33B13	NUT .625-11
972.	4	N22P29028B13	BOLT .50-13 X 1.75
973.	1	41B541600ALP1	FITTING ELBOW 1/31-12X1.31-12
974.	1	84A201003DAP1	BELL ELECTRIC
975.	4	N22P29048B13	BOLT 1/2-13 X 3
976.	8	84A205679P1	WASHER, FLAT
977.	4	499A906AAP5	LOCKNUT 1/2-13
978.	1	84C609853AGG1	PIPE ASM DRAIN PPG
979.	1	41A219499P227	O Ring, Nitrile Rubber, wtr dump vlv
980.	5	N405P45B13	LOCKWASHER .50
981.	2	N22P29048B13	BOLT 1/2-13 X 3
982.	2	499A906AAP5	LOCKNUT 1/2-13
983.	2	84B540692P1	WASHER PLATE
984.	3	N22P29022B13	BOLT .50-13 X 1.38
985.	1	84D741835P1	PIPE 1.50"
986.	1	709808P5	CLAMP 1.50 PIPE
987.	1	8097592	Gasket, Radiator/Main Air Reservoir
988.	1	N5700P91	Pipe Plug
989.	2	N405P48B13	LOCKWASHER .75
990.	2	499A906ABP6	STOPNUT .75-10
991.	1	84A212752P38	Valve, Cock Cut-Out
992.	2	N22P35056B13	Screw Cap
993.	1	N258P25B13	NUT .38-16
994.	1	84B552927G1	SHIM PACK
995.	1	155B9080ABP41	NIPPLE .75X3.00
996.	1	84C643153G1	PIPE ASM
997.	1	709808P2	CLAMP .75
998.	1	N22P25020B13	BOLT .38-16 X 1.25
999.	2	N405P43B13	LOCKWASHER .38
1000.	1	84C643150G1	FLANGE ASM
1001.	1	499A910ACP30	CLAMP. 1.625" DIA
1002.	1	N402P13B13	WASHER .38 NARROW
1003.	1	N22P25016B13	BOLT .375"-16 X 1.00"
1004.	1	41A302321AEP1	HOSE
1005.	1	41A211883P6	Clamp Hose
1006.	2	41A252287ACP4	TIE-WRAP
1007.	1	84B550174P1	GASKET
1008.	1	84D714604ALG1	AIR DUCT ASM
1009.	1	41B544940ACP27	HOSE
1010.	1	41B544940ACP28	HOSE
1011.	4	499A910AAP12	CLAMP 2.00 TO 5.00
1012.	1	84C630819P1	GASKET
1013.	1	84C630805P1	SHEET

1014.	5	499A238P3	BUMPER RUBBER
1015.	1	N80P21014B13	SCREW .25-20 X .875
1016.	1	N402P11B13	WASHER .25 NARROW
1017.	2	N80P23016B13	Screw, round, Philips
1018.	5	N402P12B13	FLAT WASHER .312 NARROW
1019.	1	N405P42B13	LOCKWASHER 5/16 REG
1020.	2	41B560008P14	LOCKNUT .312-18
1021.	4	84A233982P4	GASKET
1022.	1	N80P21024B13	SCREW .25-20X1.50
1023.	1	84B519945ASP1	Gasket
1024.	1	84C605385ACG1	Hatch Asm
1025.	1	84C611882ANG1	Cover Plate
1026.	2	84D703634ALG1	SCREEN ASM L46.82" x W19.75"
1027.	16	N22P29028B13	BOLT .50-13 X 1.75
1028.	33	N402P45B13	WASHER .50 REG
1029.	2	156B1885LNP311	GASKET 1.25X1.50X38.88
1030.	2	156B1885MNP390	GASKET 1.38X1.5X48.75
1031.	13	N22P29020B13	BOLT .50-13 X 1.25
1032.	4	N258P29B13	NUT .50-13
1033.	1	84D716288ACG1	DUCT,INSTALL
1034.	1	84D716286AGG1	AIR FILTER BOX
1035.	4	156B1886DEP134	GASKET .375X.5X16.75
1036.	4	156B1886DEP34	GASKET .375X.5X4.25
1037.	8	156B1886DGP311	GASKET .375X.750X38.88
1038.	6	156B1886DJP34	GASKET .375X1.00X4.25
1039.	6	156B1886DNP134	GASKET .375X1.50X16.75
1040.	8	41E901373G5	AIR CLNR SPEC
1041.	4	84C616029ARP1	BAR CLAMP
1042.	8	N22P29028B13	BOLT .50-13 X 1.75
1043.	8	N402P45B13	WASHER .50 REG
1044.	1	84D732828ABG4	DYN BRK WELDMNT
1045.	2	84D710746G4	DIFFUSER ASM
1046.	2	41C668488G1	LOUVER ASM
1047.	2	41C665787G4	COLLAR ASM L29.26 H25.50
1048.	24	41B569950P1	INSULATOR, 7.25"
1049.	24	41A250476P2	NUT .62-11
1050.	24	41A323637P1	WASHER, 2"
1051.	48	N405P47B13	WASHER, LOCK SPRING .63
1052.	48	N258P33B13	NUT .625-11
1053.	24	N402P17B13	WASHER 5/8 NARROW
1054.	4	41A326967P1	TUBE, 5"
1055.	10	N402P15B13	WASHER 1/2 NARROW
1056.	20	41D757468P5	SPACER, 2"

1057.	4	84B108875P1	BUS BAR, 7" X 4.25"
1058.	4	84B108876P1	BUS BAR, 7" X 5.38"
1059.	1	84A218873ABP1	WIRE MARKER
1060.	3	41A250106P46	GROMMET
1061.	1	84A218874ACP1	SYMBOL LIST
1062.	5	41A250106P22	GROMMET
1063.	1	41A216641P136	CONNECTOR PLUG
1064.	2	41B548610ABP1	TIE BAR
1065.	1	41A250106P39	GROMMET .5D .5W
1066.	2	41A272289P14	TERMINAL
1067.	2	41A265616P40	Terminal, 2" LG
1068.	1	41C669390P3	NAMEPLATE
1069.	16	N22P25016B13	BOLT .375"-16 X 1.00"
1070.	16	N402P43B13	WASHER 3/8 REG
1071.	16	N405P43B13	LOCKWASHER .38
1072.	38	N402P45B13	WASHER .50 REG
1073.	8	N22P29024B13	BOLT .50-13 X 1.50
1074.	28	N258P29B13	NUT .50-13
1075.	8	498A829P66	SCREW .50-13X6.50
1076.	14	N22P29032B13	BOLT .50-13 X 2.00
1077.	16	N22P35036B13	BOLT 3/4-10 X 2 ¼
1078.	16	N402P18B13	WASHER .75 NARROW
1079.	16	N405P48B13	LOCKWASHER .75
1080.	2	N22P29020B13	BOLT .50-13 X 1.25
1081.	16	84A200166P1	SLIT HOSE TAPE RAIL
1082.	2	41A324396P1	Decal, Warning, Metal-Photo
1083.	24	41A252287P3	TIE-WRAP 18.00 LG
1084.	2	84A234292P1	DECAL
1085.	12	41B567530P3	INSULATOR, 11"X 4.7"
1086.	2	41B569949ACP1	SUPPORT SHEET INSULATION
1087.	2	41A326921ABP1	INSULATION
1088.	4	41C665788P1	FRAME DETAIL 27 5/8in LG
1089.	4	41C665789ADP1	FRAME DETAIL
1090.	24	N170P21020B13	SCREW .25-20X1.25
1091.	24	N402P41B13	WASHER .25 REG
1092.	24	41A262072P2	SPACER, .5"
1093.	4	41A264912P3	O-RING 0.13 INCH X1 INCH X 1.75 INCH
1094.	14	41A260415P12	Tubing
1095.	6	41A260415P1	Shrinktube (12 in = 1 ft)
1096.	1	84D716836AGG1	REAR WALL ASM
1097.	1	84C608453AEG1	SUPPORT ASM
1098.	3	84C629751ABP1	WASHER FLAT BAR
1099.	2	84C629752ABP1	WASHER FLAT BAR

1100.	1	84C629753ABP1	WASHER FLAT BAR
1101.	2	84C605375ACG1	COVER ASM
1102.	3	N22P21012B13	BOLT .25-20 X .75
1103.	25	N22P29018B13	BOLT .50-13 X 1.13
1104.	35	N22P33020B13	HEX BOLT 5/8-11 1 ¼
1105.	25	N402AP45B13	WASHER .50 PLAIN
1106.	3	N402P41B13	WASHER .25 REG
1107.	35	N405P47B13	WASHER, LOCK SPRING .63
1108.	4	N70P3916B13	SET SCREW 1-8 X 1.00
1109.	1	84D739803G1	COVER ASM
1110.	2	N22HP25020B13	Bolt 3/8-16 X 1.250
1111.	2	N405P43B13	LOCKWASHER .38
1112.	6	84C620644AGP1	BRACKET
1113.	1	84C642968G1	BOX ASM MSS PULL
1114.	5	41B519092P1	TAPE RAIL 1X2X.312D
1115.	12	41B519092P4	TAPE RAIL 1 X 8 X .312D
1116.	2	84B552785G1	TAP BLOCK
1117.	2	41B519092P69	TAPE RAIL 2.5 X 10 X .312
1118.	1	41B519092P5	TAPE RAIL 1 X 10 X .312D
1119.	1	41B519092P3	TAPE RAIL 1 X 6 X .312D
1120.	14	41A318345AJG1	TAP BLOCK
1121.	1	41B519092P19	TAPE RAIL 1.5 X 14 X .312
1122.	1	41B519092P6	TAPE RAIL 1 X 12 X .312D
1123.	1	41E916099AVG300	Dynamic Brk Asm
1124.	2	5GY72D4	BLOWER
1125.	6	84C642147P1	Axle
1126.	6	84C6030607AB4	Axle bearing Assy.

**Note: Bogie truck part list STA-6 shall exclude 6 No combo sets with traction motors, TBUs, dampers and springs, as these items/parts shall be supplied by PR. Bidder to provide details of the parts to be supplied under Bogie truck part list after exclusion of these items.**

**Appendix A-1**

**PARTS/MATERIALS TO BE PROVIDED/ARRANGED BY PR**

<b>Item No.</b>	<b>Quantity</b>	<b>Part Number</b>	<b>Description</b>
1	1	84C629743ABP1	Plate Pilot
2	6	N22P33040B13	BOLT 5/8-11 X 2 ½
3	6	41A216283P2	WASHER
4	6	499A906ABP5	NUT, STOP .625 – 11
5	1	84D732869ADG1	Snow Plow
6	8	N22P35040B13	BOLT 3/4-10 X 2 ½
7	2	84D732901AEG1	Ladder Asm
8	2	84D732901AFG1	Ladder Asm
9	20	N22P33024B13	HEX BOLT .62-11 X 1.50
10	24	N402P17B13	WASHER 5/8 NARROW
11	24	N405P47B13	WASHER, LOCK SPRING .63
12	17	41B548215ACP9	COUPLING VICTUALIC 2.5IN
13	4	84A237101BAP1	Buffer
14	28	N405P41B13	LOCKWASHER .25
15	2	41A210466P6	LAMP 350PAR56/SP 75V
16	24	N405P41B13	LOCKWASHER .25
17	4	41A210466P6	LAMP 350PAR56/SP 75V
18	1	84A204567P275	Windshield Framed Front A
19	1	84A204567P276	Windshield Framed Front B
20	1	84A204567P277	Window Framed Door
21	1	84A204567P278	Window Double Sliding
22	10	N405P41B13	LOCKWASHER .25
23	1	41A212784P1	MIRROR PR SC 875 28
24	4	N405P41B13	LOCKWASHER .25
25	4	N22P21016B13	BOLT .250"-20X1.00"
26	4	N405P41B13	LOCKWASHER .25
27	34	N405P45B13	LOCKWASHER .50
28	4	N405P45B13	LOCKWASHER .50
29	6	84A204576P3	Filter, Baggie, 45 day
30	2	132X1903	Fuel Filter
31	10	84A215081P3	AIR FILTER AUXILIARY CAB
32	8	84B535837P1	NOZZLE SAND, 8"
33	8	84B539881ADP1	Nozzle Sand
34	28	N405P41B13	LOCKWASHER .25
35	12	N405P45B13	LOCKWASHER .50
36	1	84C629977AHP1	Handrail 1.0 Pipe
37	1	84C629975AGP1	Handrail 1.0 Pipe
38	1	84C629975AHP1	Handrail 1.0 Pipe
39	1	84C629977AGP2	Handrail 1.0 Pipe
40	1	84C629977AHP2	Handrail 1.0 Pipe
41	1	84C629975AGP2	HANDRAIL 1.0 PIPE
42	1	84C629976ADP1	Handrail 1.0 Pipe



43	1	84C629977AGP1	Handrail 1.0 Pipe
44	8	84A226590P1	Foot
45	6	41A316977P4	LINK QUICK
46	4	156B1001BBP16	ROUND BAR 1.00DIA X 1.00
47	2	155B9006ACP16	Pipe
48	1	84B516705ADP12	Pipe
49	1	84B516705ADP3	Pipe
50	1	84B516705ADP6	PIPE
51	1	84B516705ADP19	Pipe
52	1	84B516705ADP13	PIPE
53	4	84B513256P2	CHAIN
54	5	41A314054P1	RING
55	22	499A906AAP5	LOCKNUT 1/2-13
56	19	N22P29036B13	BOLT 1/2-13 X 2 ¼
57	68	N402AP47B13	WASHER .62 REG.
58	4	N22P33024B13	HEX BOLT .62-11 X 1.50
59	8	N22P33036B13	BOLT, HEX 5/8-11 X 2 ¼
60	2	N22P33052B13	BOLT .62-11X3.25
61	4	N22P33056B13	BOLT HEX 5/8-11 X 3 ½
62	2	N22P33060B13	BOLT, HEX 5/8-11 X 3.75
63	74	499A906AAP6	NUT, STOP .62-11
64	2	84C629967ACG1	HANDRAIL SUPT
65	2	84C629967ABG1	HANDRAIL SUPT
66	1	84B516705ADP18	Pipe
67	2	84A226587P1	SPACER
68	2	41A327689P3	FOOT
69	2	41A306011P1	Foot, Handrail Support
70	2	84C629967AEP1	Handrail Supt
71	18	84B536093P1	Bracket
72	4	84C629967ADP1	Handrail Supt
73	1	84B536495AGP1	Handrail
74	12	84C629966AKP1	Handrail Supt
75	1	84B516705ADP4	Pipe
76	1	84B516705ADP14	Pipe
77	1	84B516705ADP11	PIPE
78	3	84C629966ALG1	Handrail Supt
79	1	84C629966ATP1	Handrail Supt
80	4	84A238645P1	SPACER 2x4x.5thk
81	8	N402P45B13	WASHER .50 REG
82	1	84D742036G1	Ladder Asm
83	2	N22P33028B13	BOLT 5/8-11 X 1 ¾
84	2	156B1001BFP16	Round Bar
85	12	N210P16B13	NUT #10-32
86	16	N402P9B13	WASHER #10 NARROW
87	4	N405P39B13	LOCKWASHER #10
88	4	N44P16012B13	SCREW MACHINE
89	72	N114P1420B13	Screw Thread Forming
90	2	84A219657ADG1	COVER

91	2	84D733218AFG1	COVER BATTERY BX CVR
92	2	84D733218AFP1	COVER BATTERY BOX CVR
93	2	84D733218AFP2	COVER BATTERY BOX CVR
94	8	N22P21012B13	BOLT .25-20 X .75
95	86	N22P25016B13	BOLT .375"-16 X 1.00"
96	32	N402AP13B13	WASHER 3/8 NAR.
97	8	N402P11B13	WASHER .25 NARROW
98	54	N402P43B13	WASHER 3/8 REG
99	8	N405P41B13	LOCKWASHER .25
100	1	84C629987G1	COVER, TOP LOUVERED
101	4	N402AP41B13	WASHER .25 PLAIN
102	12	N405P41B13	LOCKWASHER .25
103	4	N22P21012B13	BOLT .25-20 X .75
104	1	2722162P34	GRAB HANDLE 43.75"
105	2	499A906AAP6	NUT, STOP .62-11
106	3	84C630704G1	SUPT, LIGHT
107	12	N402P9B13	WASHER #10 NARROW
108	12	499A906AAP1	NUT STOP #10
109	3	84B527743P1	LED STEP LIGHT
110	1	84C632902G1	FILTER HOLDER BRACKET ASM
111	1	84B549126P1	SHEET FRESH AIR COVER
112	2	N402AP42B13	WASHER .31 PLAIN
113	10	N405P42B13	LOCKWASHER 5/16 REG
114	2	N22P23014B13	BOLT .31-18 X .875
115	1	84D739553ABG1	SHEET, WELD STEP WELDMENT
116	6	N405P43B13	LOCKWASHER .38
117	4	N22P25016B13	BOLT .375"-16 X 1.00"
118	2	41B549606P1	Retainer, ditch Light Lamp
119	8	N402P41B13	WASHER .25 REG
120	8	N22P21014B13	BOLT .25-20 X .875
121	8	N402AP12B13	WASHER .31 NARROW
122	8	N22P23020B13	BOLT .312-18 X 1.25
123	8	41A304092P1	TRIM EDGE
124	2	41A210466P6	LAMP 350PAR56/SP 75V
125	6	N402AP73B13	WASHER .38 WIDE
126	2	N22P25022B13	BOLT .38-16 X 1.38
127	1	84D739551ABG1	Door Asm Hvac, Nose Cab
128	6	N405P41B13	LOCKWASHER .25
129	2	N405P41B13	LOCKWASHER .25
130	1	84A270017AGP4	SENSOR FUEL LEVEL
131	3	N405P45B13	LOCKWASHER .50
132	6	N22P29028B13	BOLT .50-13 X 1.75
133	6	N405P45B13	LOCKWASHER .50
134	4	N405P45B13	LOCKWASHER .50
135	8	N405P41B13	LOCKWASHER .25
136	11	N405P45B13	LOCKWASHER .50
137	40	N405P45B13	LOCKWASHER .50
138	8	N405P45B13	LOCKWASHER .50

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139	1	N405P41B13	LOCKWASHER .25
140	33	N405P45B13	LOCKWASHER .50
141	8	N405P45B13	LOCKWASHER .50
142	32	N405P45B13	LOCKWASHER .50
143	24	N405P41B13	LOCKWASHER .25
144	3	N405P41B13	LOCKWASHER .25
145	25	N405P45B13	LOCKWASHER .50

**Appendix B**

**LIST OF TASKS TO BE COMPLETED TO REPAIR THE  
LOCOMOTIVE**

<b>9021</b>	
<b>Item No.</b>	<b>GENERAL DESCRIPTION OF TASK</b>
1	INBOUND INSPECTION: INSPECT THE LOCOMOTIVE AS COMPARED TO THE QUOTATION SITE VISIT. LOOK FOR ANY HIDDEN DAMAGE TO THE ENGINE, ALTERNATOR, TRUCKS, CARBODY, ELECTRICAL CABINETS AND COMPONENTS, ETC. LOOK FOR ANY RIGGER DAMAGE OR MISSING MATERIAL.
2	CLEAN THE LOCOMOTIVE INTERIOR AND EXTERIOR ( STEAM OR PRESSURE WASH ).
3	REMOVE DAMAGED MATERIAL FROM PLATFORM, A & B SIDES (HANDRAILS, DOORS, DAMAGED STRUCTURES - PROTECT ELECTRICAL EQUIPMENT).
4	DISCONNECT AND REMOVE PIPE RACK ARR. FROM PLATFORM (DISCARD AIR DRYER)
5	REMOVE DAMAGED CONDUITS FROM UNDERPLATFORM, HBD, FUEL MONITOR, MSS, ETC. STORE CONDUITS IN GOOD CONDITIONS FOR REUSE.
6	DISCONNECT AND REMOVE CABLE TRAY AND FML FROM B SIDE OF THE PLATFORM.
7	REMOVE ALTERNATOR BLOWER, CTS ARR AND SUPPORTS FROM BLOWER CAB FOR REUSE. (PROTECT CABLING AND WIRING).
8	REPAIR BLOWER CAB STRUCTURE, A SIDE.
9	SCRAP DIESEL ENGINE STRUCTURE.
10	REMOVE ALL THE OIL, WATER AND FUEL PIPING AND CONNECTIONS FROM THE PLATFORM , SEND PARTS TO WASH RACK.
11	DISCONNECT AND REMOVE ENGINE/ALTERNATOR ARR. UNCOUPLE. INSPECT AND DETERMINE DAMAGES. PREPARE BOTH COMPONENTS FOR SHIPMENT AND SEND BACK TO REPAIR POINT.
12	PREPARE RAD CAB STRUCTURE TO BE REMOVED FROM THE PLATFORM (DISCONNECT PIPING, CABLING AND MECHANICAL PARTS TO ALLOW THE REMOVAL)
13	REMOVE DAMAGED JUNCTION BOXES AND SUPPORTS FROM UNDERPLATFORM
14	DISCONNECT, REMOVE, CLEAN AND INSPECT ELECTRICAL PANELS, BLOWERS, GRIDS, FILTERS, WIRING AND CABLING IN AUX CAB (SAVE PARTS IN GOOD CONDITIONS).
15	REMOVE DAMAGED PARTS FROM AUX CAB STRUCTURE (DB BOX)
16	REMOVE OIL AND GREASE FROM AUX CAB
17	DISCONNECT AND REMOVE DAMAGED PARTS FROM OPER CAB (WIRING, HVAC, PIPING). REMOVE AND SCRAP NOSE CAB.
18	DISCONNECT AND REMOVE PARTS IN GOOD CONDITION FROM DAMAGED AREAS IN OPER CAB (PROTECT REMAINING PARTS INSIDE OPER CAB ).
19	PREPARE AND REMOVE OPER CAB FROM LOCOMOTIVE, SEAT CAB ON THE FLOOR.
20	REMOVE AUX CAB FROM PLATFORM AND SEAT IN A PROPER FIXTURE
21	REMOVE RAD CAB AND SET THE STRUCTURE IN PROPER STANDS. DISCARD STRUCTURE

22	MEASURE CAMBER (BOTH #1 AND #2 ENDS, USE PROPER EQUIPMENT/LASER LEVEL), NOTE: CLEAN PLATFORM AND MAKE SURE IT IS LEVELED. PROVIDE RESULTS.
23	REMOVE PARTS IN GOOD CONDITION FROM #1 ENDPLATE (HOSES, PIPING, LIGHTS ARR. HOUSINGS, CONDUIT, ETC).
24	PREPARE NEW FUEL TANK STRUCTURE FOR INSTALLATION OF NEW BLOCK IN BOTH ENDS
25	REMOVE PARTS IN GOOD CONDITIONS FROM #2 ENDPLATE (HOSES, PIPING, LIGHTS ARR. CONDUIT, PILOT PLATE, ETC).
26	REMOVE DAMAGED #2 ENDPLATE AND PREPARE AREA FOR INSTALLATION OF NEW ENDPLATE.
27	REPAIR AUX CAB STRUCTURE, A SIDE FRAME. INSTALL NEW DB BOX. REUSE HOOD.
28	TRANSFER MATERIAL FROM ORIGINAL OPER CAB INTO NEW CAB.
29	SEAT NEW FUEL TANK STRUCTURE ON THE FLOOR, APPLY UPPER COVERS IN THE STRUCTURE. MOUNT IN PROPER STAND FOR PLATFORM ASSEMBLY.
30	INSTALL NEW CABLE CLEATS FOR HV CABLING IN UNDERPLATFORM
31	INSTALL BATTERY CONTAINER STRUCTURE
32	APPLY CONDUIT SPEED SENSORS JUNCTION BOXES IN THE LOCOMOTIVE
33	APPLY NEW #1 ENDPLATE ASSEMBLY (INCLUDING CRASH POSTS).
34	APPLY STEP ARR. IN #1 END, A & B SIDES
35	APPLY NEW PARTS IN #1 ENDPLATE (MUF, LIGHTS, STEP LIGHTS, PIPING, COUPLING, HOOK, SNOWPLOW).
36	APPLY AND CONNECT AIR PIPING FROM #1 ENDPLATE.
37	APPLY NEW #2 ENDPLATE ASSEMBLY.
38	APPLY STEP ARR. IN #2 END, A & B SIDES
39	REMOVE BRACKETS, SUPPORTS, ENGINE BASES AND OTHER MATERIAL IN GOOD CONDITIONS FROM ORIGINAL PLATFORM AND APPLY IN NEW PLATFORM. INSTALL NEW PARTS AS REQUIRED
40	APPLY NEW PARTS IN #2 END (MUR, LIGHTS, STEP LIGHTS, PIPING, COUPLING HOOKS, PILOT PLATE).
41	APPLY AND CONNECT AIR PIPING FROM #2 ENDPLATE.
42	INSTALL NEW WIREWAY SECTIONS IN A SIDE.
43	INSTALL ORIGINAL PIPEWAY ASSEMBLY IN B SIDE (APPLY NEW END WALKWAY).
44	INSTALL NEW HANDRAIL ARRANGEMENT BOTH SIDES OF THE PLATFORM.
45	APPLY TOP COVERS IN #1 ENDPLATE (METAL SHEET).
46	APPLY TOP COVERS IN #2 ENDPLATE (METAL SHEET).
47	APPLY NEW CAB ANGLES IN THE PLATFORM. TRANSFER CAB INSTALLATION MATERIAL FROM ORIGINAL PLATFORM
48	CLEAN PLATFORM, APPLY PRIMER AND PREPARE SURFACE FOR CABS INSTALLATION (GASKETS).
49	INSPECT ENGINE MOUNTING BASES IN THE PLATFORM WITH MAGNAFLUX.
50	APPLY NEW PLATFORM DRAIN PIPING (OILD, DRAIN, RETENTION TANK)
51	INSTALL REPAIRED AUX CAB ON NEW PLATFORM
52	INSTALL NEW RAD CAB STRUCTURE
53	INSPECT AND CLEAN #1 MAIN RESERVOIR TANK FROM B SIDE (ONLY 1 MR TANK IS IN GOOD CONDITIONS).
54	INSTALL AND CONNECT ORIGINAL PIPE RACK ARRANGEMENT IN A SIDE (INCLUDE NEW AIR DRYER ARR.).
55	APPLY MAIN RESERVOIR TANKS (#2 TANK IS NEW).
56	INSTALL NEW OPER CAB IN PLATFORM.
57	COMPLETE CONNECTIONS IN OPER CAB, AUX CAB AND PLATFORM (AIR PIPING, WIRING).

58	INSTALL AND CONNECT COMPONENTS IN NOSE CAB AREA (WIRING, LIGHTING, CONDUIT, PIPING, HVAC).
59	INSTALL NEW NOSE CAB.
60	MATE/WEB UX ALTERNATOR TO UX GEVO12 ENGINE ON THE SHOP FLOOR.
61	INSTALL NEW DIESEL ENGINE/ALTERNATOR MOUNTING PADS AND TENSIONING BARS ON THE PLATFORM
62	VERIFY ENGINE/ALTERNATOR WEB DEFLECTION.
63	INSTALL ORIGINAL MUFFLER ARRANGEMENT ONTO GEVO12 ENGINE.
64	INSTALL AND CONNECT NEW AIR COMPRESSOR, AND PARTS IN GOOD CONDITIONS (TM BLOWER, EXHAUSTER, AIR BRAKE EQUIPMENT).
65	APPLY PIPING CONNECTIONS FROM ENGINE TO RADIATOR CAB, REPLACE ALL HOSES, SEALS, GASKETS, O-RINGS AND DAMAGED PIPING.
66	INSTALL CTS AND ALTERNATOR BLOWER IN REPAIRED BLOWER CAB
67	REAPPLY MAJOR ELECTRICAL COMPONENTS IN AUX CAB (IGBTS, PANELS, BLOWERS, GRIDS) AND COVERS.
68	COMPLETE ELECTRICAL CONNECTIONS FOR NEW HV CABLING IN ALTERNATOR AND AUX CAB AREA.
69	APPLY NEW FUEL SIGHT GAGE INDICATOR AND FUEL FILL ARR. A SIDE
70	REPLACE ACCUFUEL ARRANGEMENT IN A SIDE OF THE PLATFORM
71	REPLACE HBD HARNESS/CONDUIT IN PLATFORM ARR. (A SIDE)
72	INSTALL NEW ENGINE CAB INCLUDE ORIGINAL FIRE DETECTION SYSTEM.
73	PERFORM A SQUEEZE TEST ON THE WATERCOOLINGSYSTEM. ( <i>PER WRP1025</i> )
74	TRUCK WORKSCOPE:
75	ASSEMBLY NEW TRUCKS
76	APPLY NEW COMBOS IN TRUCKS
77	TRUCK LOCOMOTIVE, CONNECT TRACTION MOTORS AND HOSES BETWEEN PLATFORM AND TRUCKS.
78	PAINT FULL LOCOMOTIVE (WASHING, PAINT PREP, DECAL APPLICATION BEFORE AND AFTER PAINT INCLUDED)
79	APPLY AND CONNECT BATTERIES, SPACERS, CABLING AND COVERS
80	CHANGE OIL, FUEL, SPIN, AUX AND BAGGY FILTERS
81	CHECK ALL CLEARANCES PER LOCAL REGULATIONS (COW CATCHERS, HOOKS, GRAB HANDLES, LADDERS)
82	SERVICE LOCOMOTIVE (APPLY ALL FLUIDS AND CHECK LEVELS)
83	PROGRAM MANAGER, WRECK SUPERVISOR AND QUALITY CONTROL SUPERVISOR TO PERFORM A COMPLETE "WALK AROUND" INSPECTION, RECORDING ANY DEFECTS.
84	COMPLETE A DEVICE/ WIRE AUDIT PRIOR TO CLOSING BATTERY SWITCH.
85	FINAL TEST PER SUPPLIED TEST PLAN AND SUPPLEMENTS.
86	REPAIR ANY DEFECTS FOUND DURING FINAL TEST.
87	TAKE ENGINE OIL, WATER AND DIESEL FUEL SAMPLES DURING FINAL TEST AND SEND TO LAB FOR ANALYSIS.
88	THOROUGHLY CLEAN INTERIOR OF LOCOMOTIVE. ( <i>USING DETERGENT, 'WINDEX' AND 'ARMORALL'</i> ).
89	FINAL 'WALK AROUND' JOINT INSPECTION PRIOR TO LOCOMOTIVE RELEASE.

**Appendix C**

**PARTS/MATERIALS NECESSARY FOR THE REPAIR OF THE WRECKED  
LOCOMOTIVE 9021**

<b>Item No.</b>	<b>Quantity</b>	<b>Part Number</b>	<b>Description</b>
1	1	41A113473DLG1	R &R Diesel Engine
2	1	5GMG210B1	R & R Alternator
3	2	84A23398aACP1	Machine Truck frame
4	1	41A314692AVP1	AIR CONDITIONING UNIT HVAC
5	1	84X275770RCG1	RAD CAB LIST RQD CAB
6	2	84A223053P110	DRAFT GEAR
7	1	84C611355ABP15	WIPER MOTOR
8	1	84C611355ABP2	WIPER MOTOR
9	1	84C611355ABP1	WIPERMOTOR 30 DEG L.H.
10	10	N80P21020B13	Screw
11	4	41A243149P2	WIPER BEARING PANTOGRAPH .38
12	13	84A222799P1	SCREW #10-16 X.375
13	3	41C617446P1	COVER
14	1	84B105382G3	COVER ASM
15	6	N22P21012B13	BOLT .25-20 X.75
16	6	N402AP41B13	WASHER .25 PLAIN
17	1	41A243149P1	WIPERBRG PANTOGRAPH .31
18	1	84C611355ABP4	WIPERMOTOR 30 DEG R.H.
19	10	499A933ABP9	FTG CONN .25 OD X.25MPT(48F-4-4)O
20	2	497A803P42	HOSE WIPER
21	1	499A910ACP3	CLAMP .50
22	2	41A273673P1	SPACER
23	2	41A252287P2	TIE-WRAP 14"
24	1	41B536012P9	WIPER ARM
25	1	499A914ADP3	WIPER BLADE 12IN
26	3	84B100880P5	WIPER ARM
27	1	41A306185P6	CONNECTING ROD
28	3	499A914ADP4	BLADE
29	1	84D737509ABG1	Guard Asm
30	1	84D737509ACG1	Guard Asm
31	1	84B105314P15	BUMPER .25 X 3.25 X 21
32	2	84A223053P114	DRAW HOOK ARR

33	1	170x1595/17FL472A2	TMC Panel
34	18	17FM764B2	Positive phase module
35	18	17FM765B2	Negative phase module
36	1	170x1596/17FL442A4	CIO Panel
37	1	17FL399C3	PTP
38	1	17FL400B3	ESW
39	1	17FM714F1	Audio Alarm Panel (Small Enphinal)
40	1	17FM712A1	Ground Panel
41	2	41B549523P6	Alternator Switch
42	1	41B515348P4	Air Conditioner breaker
43	1	84B524451G1	Battery Switch handle
44	5	84A218010P2	VAM-13
45	1	41A319399P204	HBD Panel
46	1	84C639727ABG1	Flange Lube oil cooler
47	12	228X1004-2	EMF clamps with nut and bolts
48	12	228X1005	Exhaust manifold ring
49	1	156B6263CFP35G	Flexible pipe (Radiator to Water Tank)
50	2	84A241657G1	Turbo bolts
51	2	N22P29020	Turbo bolts Spacer
52	6	41C624988P17	Victulic Seal 4.5"
53	2	84C604459ACP2	Victulic Coupling 4.5"
54	20	N22P29012B13	HEX Bolts Damper
55	1	84C640629ACG1	Pipe Assembly
56	1	84A206309P4	Air Dryer 994-501M
57	2	41A255963G1	Term Board, 7"
58	2	41A264911P5	Fitting Conduit, 1.38" OD, .75 Thd
59	12	41A265615P10	TERMINAL
60	2	41A296328ASP3	SENSOR
61	2	41A302476P21	PLUG BUTTON
62	2	41A312724P1	BAR, 6.75"
63	4	499A906AAP6	NUT,STOP .62-11
64	2	499A918BAP3	LOCKNUT .75 CONDUIT
65	4	499A918BAP5	LOCKNUT 1.25 CONDUIT
66	1	84A210597G11	HARNESS BAA
67	1	84B514922BCG1	BATT CABLE CONNBX CABLE
68	1	84B514922BCG2	BATT CABLE CONNBX CABLE
69	1	84B514922BCG3	BATT CABLE CONN1JS CABLE
70	1	84B514922BCG4	BATT CABLE CONN2JS CABLE
71	12	N210P16B13	NUT #10-32



72	8	84A221143AEP1	WOOD BLOCKING
73	6	84A221143AEP2	WOOD BLOCKING
74	17	41B548215ACP9	COUPLING VICTUALIC 2.5IN
75	2	41A210466P6	LAMP 350PAR56/SP75V
76	4	41A210466P6	LAMP 350PAR56/SP75V
77	1	41A212784P1	MIRROR PR SC 875 28
78	4	N22P21016B13	BOLT .250"-20X1.00"
79	1	84D735601ADG1	COMPRESSOR ARR WATER COOL
80	1	84C643110G1	FUEL MONITOR FUEL MTR SUBASM
81	1	17FM698D1	Panel, 7.5" X 4.5"
82	5	N170P17016B13	SCREW
83	1	84A270017AGP4	Sensor Fuel Level
84	1	84B529333P1	Sensor Box Sensor Guard
85	1	84C643110G1	FUEL MONITOR FUEL MTR SUBASM
86	1	84D741888G1	PANEL ASM FUEL GAGE
87	2	41B549606P1	Retainer, ditch Light Lamp
88	1	84B549117G1	ANGLE ASM
89	1	84B549118ABP1	SHEET TB FLOOR COVER
90	8	41A304092P1	TRIM EDGE
91	2	41A210466P6	LAMP 350PAR56/SP 75V
92	1	84A217592G4	Harness, Bxy
93	1	84A210598G12	Harness, Bcr
94	1	84A201176P1	Connector, Cylindrical Multi-Contact, 600V, 27 pin
95	1	84A201176P1	Connector, Cylindrical Multi-Contact, 600V, 27 pin
96	4	84A207362P1	NUT, HEX
97	4	115X1956-1	41A219279P1 Screw, Hex Head Cap (Bolt, Gen 1-1/4-14 X 4 1/2)
98	2	119X1061	41B513208G1 SHIM PACK
99	16	N14P43096	SCREW, 6.5"
100	1	84D739698ALG5	Ind Plate Arr B4 Pnt Rf Kit
101	1	84B518272AGP52	Ind Plate
102	1	84C604171P13	(Customized) IND PLATE
103	1	84D739698ALG1	Ind Plate Arr Aft PntDcl Kit
104	1	84D739698ALG2	Ind Plate Arr Aft PntDcl Kit
105	1	84A210551ACG1	Harness, Acw
106	1	84A210552ABG17	Harness, Cho
107	1	84A210553ACG8	Harness, Inc
108	1	84A210556ABG6	Harness, Fo1

109	1	84A210543ABG6	Harness, Vec
110	1	84A216072P139	Cable Arc
111	1	84A233797ARP116	Cable Arcnet V-ank
112	1	84A233797BJP4	Cable Arcnet V-anl
113	1	84A233797APP92	Cable Arcnet V-anf
114	1	84C602731ZJG1	Efi Conduit Asm
115	1	84C615158YBG1	Conduit Asm Bos
116	1	84C631324G4	ENG LTG CND ASM
117	3	84A215582AHP3	Filter Spin Eafb
118	2	41A319399P205	Sensor Temp-70"
119	2	41A319399P206	Sensor Temp-98"
120	2	41A319399P207	Sensor Temp-140"
121	1	84C630896ACG1	HORN ASM
122	1	156B6203CCP33G	Hose Asm .50" Nom X 14"l
123	1	41C627794AEP1	DOOR SEAL
124	2	41C627266ABP1	Seal
125	2	41C627266ACP1	Seal
126	30	N145P1708B13	STEEL THREAD SCREW #10-16 X 1/2
127	4	N405AP45B13	Washer, Lock 1/2"
128	1	41A282003P3	STREET ELL .75 STD 90DG
129	6	84C630225ADG1	Boot Plate Asm Trkion Mtr
130	500	3X7863	Velcro-Order in Feet (150FT=1 roll)
131	2	41C614988P1	ENCL HDLT ENCLOSURE
132	4	41A210466P6	LAMP 350PAR56/SP 75V
133	5	41A250106P8	Grommet, 1.31" OD, .38" Thk
134	4	41A314877P1	VISOR,HEADLIGHT ARRANGEMENT,VEHICLE
135	16	N145P1710B13	SCR ST PH #10-16 X 5/8
136	1	84A221777AEP1	LIGHT LED LIGHT
137	10	84B549618P1	GASKET 1EA - 1FT
138	2	84C643013G1	Light Box Asm Fog Lgt Box
139	7	50A19-RS75V	Lamp-
140	4	41A205337ABP1	LIGHT ASM
141	4	41A205337ABP2	LIGHT ASM CLEAR W/BULB
142	2	41A210466P6	LAMP 350PAR56/SP 75V
143	2	479A588P47	GUARDS END HOSE
144	6	N22P33040B13	BOLT 5/8-11 X 2 ½
145	6	41A216283P2	WASHER
146	6	499A906ABP5	NUT, STOP .625 – 11
147	8	N22P35040B13	BOLT 3/4-10 X 2 ½

148	16	N402AP79B13	WASHER .875 WIDE
149	8	499A906ABP6	STOPNUT .75-10
150	4	499A929AEP13	HOSE, 30"
151	4	84C631973P1	Hose Asm
152	4	84C631973P2	Hose Asm
153	4	41A305038P1	THD SEAL SEAL
154	2	N14P35040	Hex bolt
155	8	N402P48B13	WASHER .75 REG
156	4	499A906ABP6	STOPNUT .75-10
157	4	N14P35028	BOLT, HEX GR-8 BLACK .75-10 X 1.75
158	2	N14P35048	BOLT
159	8	8097592	Gasket, Radiator/Main Air Reservoir
160	2	84B536828P1	GUSSET
161	2	84A226807ACP1	Shim
162	2	84A226807ADP1	Shim
162	4	84A228453P1	Spacer
163	4	84A228454P1	Spacer
164	6	41B548215ACP2	COUPLING 4.00 VICTAULIC
165	2	84B107007ABP1	Coupling
166	17	41B548215ACP9	COUPLING VICTUALIC 2.5IN
167	14	41B548215ACP10	VICTAULIC COUPLING 2.00
168	2	41B548215APP6	VIT. RED COUP. 2-1/2 X 2-750
169	10	41B548215ACP7	3" COUPLING VICTUALIC
170	6	84A234330P1	Pin Cotter Pin
171	1	84B519945ARP1	Gasket
172	10	84B549618P1	GASKET 1EA - 1FT
173	10	41A273352P116	GASKET
174	2	41A273352P117	GASKET X 52.50"
175	2	41A273352P118	GASKET X 65.70"
176	4	41A264942P8	NUT CAP
177	2	84D739582ABP1	PANEL
178	1	41A302476P15	Plast Plug, Blk 1.000in
179	1	84A204567P275	Windshield Framed Front A
180	1	84A204567P276	Windshield Framed Front B
181	1	84A204567P277	Window Framed Door
182	1	84A204567P278	Window Double Sliding
<b>183</b>	1	84A236453P3	MUFFLER
184	16	115X2337	Washer, Flat, 0.5(use 115X2746 for piston assy applications)

185	1	126X1787-1	Gasket, Graphite, Muffler Heat Shield, support PI muffler
186	4	84B537044AHP1	00.000 01.660 000.191 024.940
187	1	B50E147A 2615T	00.000 00.625 000.035 240.000
188	1	B50E147A 2201T	Hydraulic Seamless Tubing (1roll=20ft)
189	1	B50E147A 2201T	Hydraulic Seamless Tubing (1roll=20ft)
190	2	84B553076G1	Valve Asm
191	1	84B105172ACG6	BRAKE VALVE ASM
192	2	41C617411P1	Air Valve Vent No 8
193	20	84A204556P1	STRAPPING
194	28	41A242555P5	ISOLATOR
195	1	41A313778AEP2	ELBOW MALE(VS269NTA-4-4)O
196	2	84A204863P1	LANYARD
197	2	N44P16012B13	SCREW MACHINE
198	1	B50E147A 2615T	00.000 00.625 000.035 240.000
199	2	140X2042	Cap-3/8 Ds
200	1	84B535722AUP5	ADAPTER L1.85 HEX.87
201	1	41A313778ADP7	FTG. FEM .50 OD-.50(66NTA-8-8)O
202	1	156B6203CCP457A	HOSE ASM AEROQUIP
203	6	41A315082P5	Tubing Plastic, 1/2in Flex Brake Tube,ft
204	12	41A315082P2	FLEX TUBIN .25 OD HYTRN C6
205	1	84C623836ASG1	Panel Arr Overhead A
206	2	41A315082P2	FLEX TUBIN .25 OD HYTRN C6
207	9	41A242206P16	SNAP BUSHING, 1.55" X 1.55"
208	4	41A242206P11	BUSHING SNAP-IN
209	12	12A103598P5	SEAL
210	1	84D739698ALG5	Ind Plate Arr B4 Pnt Rf Kit
211	6	84A234330P1	Pin Cotter Pin
212	2	84C643013G1	Light Box Asm Fog Lgt Box
213	1	84C626738ANG1	Mss Conduit Arr
214	1	84C626738ANG2	Mss Conduit Arr
215	1	84C632485AEG1	Cover AsmCvrAsm
216	1	41A242447P5	CPLG S WLD
217	1	41A242447P6	Fitting Steel, Coupling S Weldment 1.5 M/F XS PPE
218	1	41B565073G2	GROUND BLOCK
219	10	41A212514P2	Coupling
220	1	41A215045P1	Fitting, Socket, Welded, St
221	2	41C627794AEP1	DOOR SEAL

222	4	41C627266ABP1	Seal
223	4	41C627266ACP1	Seal
224	2	84B516705AYP1	Pipe E-coat
225	3	84A226587ABP1	SPACER
226	1	84A226591P1	Spacer
227	2	84A226587P1	SPACER
228	1	41A314681ABP1	LINK CONNECTION
229	1	84B549948ABG1	CONDUIT ASM
230	1	84C640703ACG1	CONDUIT ASM MS2 CNDT ASM
232	1	84C630760AGG1	Conduit Asm 19b
233	1	84C630759AFG1	Conduit Asm 19g
234	4	N44P16012B13	SCREW MACHINE
235	8	84A221143AEP3	WOOD BLOCKING
236	2	41B549606P1	Retainer, ditch Light Lamp
237	2	41A215601ACP17	Fitting, Brass, Threaded
238	1	41A314360ABP1	GASKET
239	1	41A314360ACP1	GASKET
240	1	499A904EBP5	UNION 1.250
241	1	84A212752P35	Valve, Cock Cut-Out
242	1	499A919AXP5	ELL 90DG
243	12	12A103598P5	SEAL
244	3	84B527743P1	LED STEP LIGHT
245	2	41A210466P6	LAMP 350PAR56/SP 75V
246	2	84B511894G1	Cleat Assembly
247	12	84B104616BYG1	Cleat Supt Asm
248	1	41B544940ALP1	Duct Flex Exhaust
249	2	41A210831P4	FITTING
250	2	41A211183P5	VALVE DRAIN (580-112)
251	1	41A212076P1	CHECK VALVE FLANGE HORZ
252	1	41A215600ACP6	HEX UNION FTG 1/2 BI-LOK
253	2	41A215601ACP14	Fitting, Brass, Threaded, male
254	1	41A215603ACP4	Fitting, Brass, 90 deg, .5 x .5
255	1	41A215604ACP13	90 DEG MALE ELB1/2 X 1/2 BILOK
256	1	41A215606ACP5	UNION TEE 1/2 BILOK
257	1	41A215937P14	Fitting, Flange, 1in Pipe
258	1	41A215937P9	Flange, 1.25" Pipe, 2.0" Flg.
259	1	41A242453P9	Union, Steel, 2.0"
260	2	41B511171G4	FLANGE 8.25"X7"
261	2	115X2238	O Ring

262	5	499A912AAP6	GASKET RNG
263	9	8097592	Gasket, Radiator/Main Air Reservoir
264	4	N170AP29064B13	Screw, Hex Head Socket Cap, Steel ( Valve Mount)
265	7	N22P21012B13	BOLT .25-20 X .75
266	1	N22P21016B13	BOLT .250"-20X1.00"
267	1	N22P28024B13	Hex Bolt
268	1	N22P29048B13	BOLT 1/2-13 X 3
269	5	N22P29024B13	BOLT .50-13 X 1.50
270	4	N22P33032B13	BOLT 5/8-11 X 2
271	6	N22P33040B13	BOLT 5/8-11 X 2 ½
272	2	N22P35032B13	BOLT HEX .75-10X2.00
273	8	N22P35048B13	BOLT L3.00 THREAD SIZE 3/4
274	2	N22P35052B13	BOLT HEX .75-10 X 3.25
275	1	N258P21B13	NUT .25-20
276	3	N258P29B13	NUT .50-13
277	6	N258P33B13	NUT .625-11
278	16	N733P37032	Screw, 12 Point, Steel (Bolt, 12 Point, 7/8 IN-9, 2 In. long)
279	20	N203P49	Nut, Hex
280	4	221X1038-1	Guard Cap, Cylinder Stud
281	1	84D704427AEG4	ENG WEB KIT 4 G2
282	4	84A207362P1	NUT, HEX
283	4	115X1956-1	Screw, Hex Head Cap (Bolt, Gen 1-1/4-14 X 4 1/2)
284	2	119X1061	SHIM PACK
285	36	N70P3512	SET SCREW
286	1	41A314677AHP1	HOSE
287	20	N51P21012B13	Screw
288	1	140X2236	Tee, Steel (.25 X .25 X .25In.)
289	1	41A245648G1	FTG w/ male conn qckdisnt
290	1	41A317303ACP21	Pressure Sensor Oil Filter
291	1	84B549938P3	Flexible Hose
292	1	41B542608GAP1	HOSE ASM
293	1	41A219499P228	O-RING
294	1	41A219499P227	O Ring, Nitrile Rubber, wtr dump vlv
295	1	84A201003DAP1	BELL ELECTRIC
296	1	8097592	Gasket, Radiator/Main Air Reservoir
297	1	84A212752P38	Valve, Cock Cut-Out
298	1	41A302321AEP1	HOSE

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299	1	84B550174P1	GASKET
300	1	84D714604ALG1	AIR DUCT ASM
301	1	41B544940ACP27	HOSE
302	1	41B544940ACP28	HOSE
303	1	84C630819P1	GASKET
304	5	499A238P3	BUMPER RUBBER
305	2	N80P23016B13	Screw, round, Philips
306	4	84A233982P4	GASKET
307	1	84B519945ASP1	Gasket
308	8	41E901373G5	AIR CLNR SPEC
309	3	41A250106P46	GROMMET
310	1	84A218874ACP1	SYMBOL LIST
311	5	41A250106P22	GROMMET
312	1	41A216641P136	CONNECTOR PLUG
313	1	41A250106P39	GROMMET .5D .5W
314	2	41A272289P14	TERMINAL
315	2	41A265616P40	Terminal, 2" LG
316	2	5GY72D4	BLOWER

## **Section-VI**

### **B. STANDARD FORMS**

#### **Table of Forms**

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**Price Schedule: Goods Manufactured Outside Pakistan, already imported**

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

**Form of Bid-Securing Declaration**

**Manufacturer's Authorization**



## Letter of Bid – Technical Proposal

***INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT***

***Place this Letter of Bid in the first envelope “TECHNICAL PROPOSAL”.***

***The Bidder must prepare the Letter of Bid on stationery with its letterhead clearly showing the Bidder’s complete name and business address.***

***Note: All italicized text in black font is to help Bidders in preparing this form and Bidders shall delete it from the final document.***

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

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

**Request for Bid No:** *[insert identification]*

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

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

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

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

In submitting our Bid we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including addenda issued in accordance with Instructions to Bidders (ITB 9);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 3;
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Agency based on execution of a Bid Securing Declaration or Proposal Securing Declaration in the Procuring Agency’s country in accordance with ITB 4;
- (d) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services];*

- (e) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 17.1 (as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS 23.1 (as amended, if applicable), and it shall remain binding upon us, and may be accepted at any time before the expiration of that period;
- (f) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (g) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other bid(s) as a Joint Venture member or as a subcontractor, and meet the requirements, other than Alternative Bids submitted in accordance with ITB 19;
- (h) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Agency. Further, we are not ineligible under Pakistan laws;
- (i) **State-owned enterprise or institution:** [select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ];
- (j) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (k) **Not Bound to Accept:** We understand that you are not bound to accept the Most Advantageous Bid or any other Bid that you may receive; and
- (l) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud and Corruption.

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

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

**\*\*** *[insert complete name of person duly authorized to sign the Bid]*

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

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

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

**\***: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

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

## Letter of Bid - Financial Proposal

*INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT*

*Place this Letter of Bid - Financial Proposal in the second envelope marked “FINANCIAL PROPOSAL”.*

*The Bidder must prepare the Letter of Bid - Financial Proposal on stationery with its letterhead clearly showing the Bidder’s complete name and business address.*

*Note: All italicized text is to help Bidders in preparing this form.*

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

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

**Name of Project.:** *[insert identification]*

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

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

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

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

- (a) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 17.1 (as amended, if applicable) from the date fixed for the bid submission deadline specified in BDS 23.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) **Total Price:** The total price of our Bid, excluding any discounts offered in item (c) below is:

In case of only one lot, the total price of the Bid is *[insert the total price of the bid in words and figures, indicating the various amounts and the respective currencies];*

In case of multiple lots, the total price of each lot is *[insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies];*

In case of multiple lots, total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies];*

- (c) **Discounts:** The discounts offered and the methodology for their application are:

- (i) The discounts offered are: *[Specify in detail each discount offered]*
- (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts];*
- (d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity].*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”)

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

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

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

**\*\*** *[insert complete name of person duly authorized to sign the Bid]*

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

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

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

**\***: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

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

## Bidder Information Form

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

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

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

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

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

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

## Bidder's JV Members Information Form

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture].*

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

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

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

Page\_\_of\_\_pages

1. Bidder's Name: <i>[insert Bidder's legal name]</i>
2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Bidder's JV Member's authorized representative information  Name: <i>[insert name of JV's Member authorized representative]</i>  Address: <i>[insert address of JV's Member authorized representative]</i>  Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i>  Email Address: <i>[insert email address of JV's Member authorized representative]</i>

7. Attached are copies of original documents of [*check the box(es) of the attached original documents*]
- Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

## Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the Price Schedules shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*



## Form of Bid Security (Bank Guarantee)

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

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[Purchaser to insert its name and address]*

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

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

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

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

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

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

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

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_ (\_\_\_\_) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

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

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of

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

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

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[Signature(s)]

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

## Form of Bid Security (Bid Bond)

*[The Surety shall fill in this Bid Bond Form in accordance with the instructions indicated.]*

BOND NO. \_\_\_\_\_

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called “the Principal”), and *[name, legal title, and address of surety]*, authorized to transact business in *[name of country of Procuring Agency]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[name of Procuring Agency]* as Oblige (hereinafter called “the Purchaser”) in the sum of *[amount of Bond]*<sup>1</sup>*[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted or will submit a written Bid to the Purchaser dated the \_\_\_\_ day of \_\_, 20 \_\_, for the supply of *[name of Contract]* (hereinafter called the “Bid”).

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Principal’s Letter of Bid (“the Bid Validity Period”), or any extension thereto provided by the Principal; or
- (b) having been notified of the acceptance of its Bid by the Purchaser during the Bid Validity Period or any extension thereto provided by the Principal; (i) failed to execute the Contract agreement; or (ii) has failed to furnish the Performance Security, in accordance with the Instructions to Bidders (“ITB”) of the Purchaser’s bidding document.

then the Surety undertakes to immediately pay to the Purchaser up to the above amount upon receipt of the Purchaser’s first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiration of the Bid Validity Period set forth in the Principal’s Letter of Bid or any extension thereto provided by the Principal.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_.

Principal: \_\_\_\_\_ Surety: \_\_\_\_\_

Apply Corporate Seal (where appropriate)

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*(Signature)*  
*(Printed name and title)*

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*(Signature)*  
*(Printed name and title)*

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<sup>1</sup> The amount of the Bond shall be denominated in the currency of the Purchaser's country or the equivalent amount in a freely convertible currency.

## Form of Bid-Securing Declaration

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

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

No.: [number of Bidding process]

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

To: [complete name of Procuring Agency]

We, the undersigned, declare that:

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

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

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

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

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

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

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

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

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

\*: *In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder*

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

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]

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## Manufacturer's Authorization

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

Date: *[insert date (as day, month and year) of Bid submission]*  
No.: *[insert number of Bidding process]*  
Alternative No.: *[insert identification No if this is a Bid for an alternative]*

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

### WHEREAS

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

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

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

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

Title: *[insert title]*

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

## **SECTION VII: GENERAL CONDITIONS OF THE CONTRACT**

## GENERAL CONDITIONS OF THE CONTRACT (GCC)

1.	<b>Definitions</b>	1.1	The following words and expressions shall have the meanings hereby assigned to them:	
			a)	<b>“Authority”</b> means Public Procurement Regulatory Authority.
			b)	The <b>“Arbitrator”</b> is the person appointed with mutual consent of both the parties, to resolve contractual disputes as provided for in the General Conditions of the Contract <b>GCC Clause 31</b> hereunder.
			c)	The <b>“Contract”</b> means the agreement entered into between the Procuring Agency 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.
			d)	The <b>“Commencement Date”</b> is the date when the Supplier shall commence execution of the contract as specified in the <b>SCC</b> .
			e)	<b>“Completion”</b> means the fulfillment of the related services by the Supplier in accordance with the terms and conditions set forth in the contract.
			f)	<b>“Country of Origin”</b> means the countries and territories eligible under the PPRA Rules 2004 and its corresponding Regulations as further elaborated in the <b>SCC</b> .
			g)	The <b>“Contract Price”</b> is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.
			h)	<b>“Defective Goods”</b> are those goods which are below standards, requirements or specifications stated by the Contract.



			i)	<b>“Delivery”</b> means the transfer of the goods from the supplier equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring Agency under Contract.
			j)	<b>“Effective Contract date”</b> is the date shown in the Certificate of Contract Commencement issued by the Procuring Agency upon fulfillment of the conditions precedent stipulated in <b>GCC Clause 3</b>
			k)	<b>“Procuring Agency”</b> means the person named as Procuring Agency in the <b>SCC</b> and the legal successors in title to this person, procuring the Goods and related service, as named in <b>SCC</b> .
			l)	<b>“Related Services”</b> means those services ancillary to the delivery of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, initial maintenance and other such obligations of the Supplier covered under the Contract.
			m)	<b>“GCC”</b> means the General Conditions of Contract contained in this section.
			n)	<b>“Intended Delivery Date”</b> is the date on which it is intended that the Supplier shall effect delivery as specified in the <b>SCC</b> .
			o)	<b>“SCC”</b> means the Special Conditions of Contract.
			p)	<b>“Supplier”</b> means the individual private or government entity or a combination of the above whose Bid to perform the contract has been accepted by the Procuring Agency and is named as such in the Contract Agreement, and includes the legal successors or permitted assigns of the supplier and shall be named in the <b>SCC</b> .

			q)	<b>“Project Name”</b> means the name of the project stated in <b>SCC</b> .
			r)	<b>“Day”</b> means calendar day.
			s)	<b>“Eligible Country”</b> means the countries and territories eligible for participation in accordance with the policies of the Federal Government.
			t)	<b>“End User”</b> means the organization(s) where the goods will be used, as named in the <b>SCC</b> .
			u)	<b>“Origin”</b> means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics or in purpose or utility from its components.
			v)	<b>“Force Majeure”</b> means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party’s performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.  For the purposes of this Contract, <b>“Force Majeure”</b> means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances. and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.

			w)	<b>“Specification”</b> means the Specification of the Goods and performance of incidental services in accordance with the relevant standards included in the Contract and any modification or addition made or approved by the Procuring Agency.
			x)	The Supplier's Bid is the completed Bid document submitted by the Supplier to the Procuring Agency.
<b>2.</b>	<b>Application and interpretation</b>	2.1		These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
		2.2		In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the Contract unless specifically defined.
		2.3		The documents forming the Contract shall be interpreted in the following order of priority:  (1) Form of Contract, (2) Special Conditions of Contract, (3) General Conditions of Contract, (4) Letter of Acceptance, (5) Certificate of Contract Commencement (6) Specifications, (7) Contractor's Bid, and (8) Any other document listed in the Special Conditions of Contract as forming part of the Contract.

3.	<b>Conditions Precedent</b>	3.1	Having signed the Contract, it shall come into effect on the date on which the following conditions have been satisfied:  a) Submission of performance Security (or guarantee) in the form specified in the SCC;  b) Furnishing of Advance Payment Unconditional Guarantee.
		3.2	If the Condition precedent stipulated on GCC Clause 3.1 is not met by the date specified in the SCC this contract shall not come into effect;
		3.3	If the Procuring Agency is satisfied that each of the conditions precedent in this contract has been satisfied (except to the extent waved by him, but subject to such conditions as he shall impose in respect of such waiver) he shall promptly issue to the supplier a certificate of Contract commencement, which shall confirm the startdate.
4.	<b>Governing Language</b>	4.1	The Contract as all correspondence and documents relating to the contract exchanged by the Supplier and the Procuring Agency shall be written in the language specified in SCC. Subject to <b>GCC Clause 3.1</b> , the version of the Contract written in the specified language shall govern its interpretation.
5.	<b>Applicable Law</b>	5.1	The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.
6.	<b>Country of Origin</b>	6.1	The origin of Goods and Services may be distinct from the nationality of the Supplier.
7.	<b>Standards</b>	7.1	The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, the American Standards (such as ACI, IEEE, ASME, etc.) or the Pakistani standards such as PSQCA Such standards shall be the latest issued by the concerned institution.

8.	<b>Use of Contract Documents and Information; Inspection and Audit by the Government of Pakistan</b>	8.1	The Supplier shall not, without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
		8.2	The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in <b>GCC Clause 7.1</b> except for purposes of performing the Contract.
		8.3	Any document, other than the Contract itself, enumerated in <b>GCC Clause 7.1</b> shall remain the property of the Procuring Agency and shall be returned (all copies) to the Procuring Agency on completion of the Supplier's performance under the Contract if so required by the Procuring Agency.
		8.4	The Supplier shall permit the Government of Pakistan or / and donor agencies involved in financing the project to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Government of Pakistan or / and the appropriate donor agencies, if so required by the Government of Pakistan or / and the appropriate donor agencies.
9	<b>Patent and Copy Rights</b>	9.1	The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in Pakistan.
		9.2	The patent right in all drawings, documents, and other materials containing data and information furnished to the Procuring Agency by the Supplier herein shall remain vested in the supplier, or, if they are furnished to the Procuring Agency directly, or through the Supplier by any third party, including suppliers of materials, the patent right in such materials shall remain vested in such third party.

10.	<b>Performance Security (or Guarantee)</b>	10.1	The Performance Security (or Guarantee) shall be provided to the Procuring Agency no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Procuring Agency, and denominated in the types and proportions of the currencies in which the Contract Price is payable as specified in the <b>SCC</b> .
		10.2	The proceeds of the Performance Security (or Guarantee) shall be payable to the Procuring Agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
		10.3	The Performance Security (or Guarantee) shall be in one of the following forms:  a) A bank guarantee, an irrevocable letter of credit issued by a reputable bank, or in the form provided in the Bidding Documents or another form acceptable to the Procuring Agency; or  b) A cashier's or certified cheque.
		10.4	The performance security (or guarantee) will be discharged by the Procuring Agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise specified in <b>SCC</b> .
11.	<b>Inspections and Test</b>	11.1	The Procuring Agency or its representative shall have the right to inspect and /or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency. <b>SCC</b> and the Technical Specifications shall specify what inspections and tests the Procuring Agency shall notify the Supplier in writing or in electronic forms that provide record of the content of communication, in a timely manner, of the identity of any representatives retained for these purposes.

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

13.	<b>Delivery and Documents</b>	13.1	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and or other documents to be furnished by the Supplier as specified in <b>SCC</b> .
		13.2	For purposes of the Contract, “EXW”, “FOB”, “FCA”, “CIF”, “CIP,” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris.
		13.3	Documents to be submitted by the Supplier are specified in <b>SCC</b> .
14.	<b>Insurance</b>	14.1	The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner specified in the <b>SCC</b> .
15.	<b>Transportation</b>	15.1	Where the Supplier is required under Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Procuring Agency or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
		15.2	Where the Supplier is required under Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in Pakistan, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.



		15.3	Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within Pakistan, defined as the Project Site, transport to such place of destination in Pakistan, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
16.	<b>Related Services</b>	16.1	<p>The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in <b>SCC</b>:</p> <ul style="list-style-type: none"> <li>a) Performance or supervision of on-site assembly, Installation Commissioning and/or start-up of the supplied Goods;</li> <li>b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li> <li>e) Training of the Procuring Agency's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods</li> </ul>
		16.2	Prices charged by the Supplier for related services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
17.	<b>Spare Parts</b>	17.1	<p>As specified in <b>SCC</b>, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <ul style="list-style-type: none"> <li>a) Such spare parts as the Procuring Agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and</li> <li>b) In the event of termination of production of the spare parts:</li> </ul>

			<p>i) advance notification to the Procuring Agency of the pending termination, in sufficient time to permit the Procuring Agency to procure needed requirements; and</p> <p>ii) following such termination, furnishing at no cost to the Procuring Agency, the blueprints, drawings, and specifications of the spare parts, if requested.</p>
18.	<b>Warranty/ Defect Liability Period</b>	18.1	The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring Agency, specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in Pakistan.
		18.2	This warranty shall remain valid for a period specified in the <b>SCC</b> 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, or for a period specified in the <b>SCC</b> after the date of shipment from the port or place of loading in the source country, +whichever period concludes earlier, unless specified otherwise in <b>SCC</b> .
		18.3	The Procuring Agency shall promptly notify the Supplier in writing or in electronic forms that provide record of the content of communication of any claims arising under this warranty.
		18.4	Upon receipt of such notice, the Supplier shall, within the period specified in <b>SCC</b> and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring Agency other than, where applicable, the cost of inland delivery of the repaired or replaced Goods or parts from EXW or the port or place of entry to entry to the final destination.

		18.5	If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the Procuring Agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Agency may have against the Supplier under the Contract.
19.	<b>Payment</b>	19.1	The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.
		19.2	The Supplier's request(s) for payment shall be made to the Procuring Agency in writing or in electronic forms that provide record of the content of communication, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 13, and upon fulfillment of other obligations stipulated in the Contract.
		19.3	Payments shall be made promptly by the Procuring Agency, within sixty (60) days after submission of an invoice or claim by the Supplier. If the Procuring Agency makes a late payment, the Supplier shall be paid interest on the late payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the rate as specified in the SCC.
		19.4	The currency or currencies in which payment is made to the Supplier under this Contract shall be specified in SCC subject to the following general principle: payment will be made in the currency or currencies in which the payment has been requested in the Supplier's Bid.
		19.5	All payments shall be made in the currency or currencies specified in the SCC pursuant to GCC Clause 19.4
20.	<b>Prices</b>	20.1	The contract price shall be as specified in the Contract Agreement Subject to any additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

		20.2	Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in SCC or in the Procuring Agency's request for Bid Validity extension, as the case may be.
21.	Change Orders	21.1	<p>The Procuring Agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 22, make changes within the general scope of the Contract in any one or more of the following:</p> <p>a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Agency:</p> <p style="padding-left: 40px;">a) The method of shipment or packing;  b) The place of delivery; and/or  c) The Services to be provided by the Supplier.</p>
		21.2	If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring Agency change order.
		21.3	Prices to be charged by the supplier for any related services that might be needed but which were not included in the Contract shall be agreed upon in advance by the Parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
22.	Contract Amendments	22.1	Subject to GCC Clause 20/21, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

23.	Assignment	23.1	Neither the Procuring Agency nor the Supplier shall assign, in whole or in part, obligations under this Contract, except with the prior written consent of the other party.
24.	Sub-contracts	24.1	The Supplier shall consult the Procuring Agency in the event of subcontracting under this contract if not already specified in the Bid. Subcontracting shall not alter the Supplier's obligations.
		24.2	Subcontracts must comply with the provision of GCC Clause 5.
25.	Delays in the Supplier's Performance	25.1	Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements.
		25.2	If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring Agency in writing or in electronic forms that provide record of the content of communication of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.
		25.3	Except as provided under <b>GCC Clause 28</b> , a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to <b>GCC Clause 26</b> , unless an extension of time is agreed upon pursuant to <b>GCC Clause 25.2</b> without the application of liquidated damages.

26	<b>Liquidated Damages</b>	26.1	Subject to <b>GCC Clause 28</b> , if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in <b>SCC</b> of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the performance security (or guarantee) specified in <b>SCC</b> . Once the said maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to <b>GCC Clause 27</b> .
27.	<b>Termination for Default</b>	27.1	The Procuring Agency or the Supplier, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the concerned party may terminate the Contract if the other party causes a fundamental breach of the Contract.
		27.2	<p>Fundamental breaches of Contract shall include, but shall not belimited to the following:</p> <ul style="list-style-type: none"> <li>a) the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within anyextension thereof granted by the Procuring Agency pursuant to <b>GCC Clause 25</b>; or</li> <li>b) the Supplier fails to perform any other obligation(s) under the Contract;</li> <li>c) Supplier’s failure to submit performance security (or guarantee) within the time stipulated in the <b>SCC</b>;</li> <li>d) the supplier has abandoned or repudiated the contract;</li> <li>e) the Procuring Agency or the Supplier is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;</li> <li>f) a payment is not paid by the Procuring Agency to the Supplier after 84 days from the due date for payment;</li> </ul>

			<p>g) the Procuring Agency gives Notice that goods delivered with a defect is a fundamental breach of Contract and the Supplier fails to correct it within a reasonable period of time determined by the Procuring Agency; and</p> <p>h) if the Procuring Agency determines, based on the reasonable evidence, that the Supplier has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices, in competing for or in executing the Contract.</p>
			<p>For the purpose of this clause:  <b>“Corrupt and Fraudulent Practice”</b> means the practices as described in Rule-2 (1) (f) of Public Procurement Rules-2004.</p>
		27.4	<p>In the event the Procuring Agency terminates the Contract in whole or in part, pursuant to <b>GCC Clause 27.1</b>, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Agency for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.</p>
28.	<b>Termination for Force Majeure</b>	28.1	<p>Notwithstanding the provisions of <b>GCC Clauses 25, 26, and 27</b>, neither Party shall have any liability or be deemed to be in breach of the Contract for any delay nor is other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure.</p>

			For purpose of this clause, ‘Force Majeure’ means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent
		28.2	If a Party (hereinafter referred to as “the Affected Party”) is or will be prevented from performing its substantial obligation under the contract by Force Majeure, it shall give a Notice to the other Party giving full particulars of the event and circumstance of Force Majeure in writing or in electronic forms that provide record of the content of communication of such condition and the cause thereof. Unless otherwise directed by the Procuring Agency in writing or in electronic forms that provide record of the content of communication, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
29.	<b>Termination for Insolvency</b>	29.1	The Procuring Agency may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Agency.
30.	<b>Termination for Convenience</b>	30.1	The Procuring Agency, by written notice sent to the Supplier, may terminate the contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Agency’s convenience, the Contract is terminated, and the date upon which such termination becomes effective.



		30.2	<p>The Goods that are complete and ready for shipment within thirty days after the Supplier's receipt of notice of termination shall be accepted by the Procuring Agency at the Contract terms and price. For the remaining Goods, the Procuring Agency may elect:</p> <p>a) To have any portion completed and delivered at the Contract terms and prices; and / or</p> <p>b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.</p>
31.	<b>Dispute Resolution</b>	31.1	<p>In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute amicably. The parties hereto shall, within twenty-eight (28) days from the notice date, use their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by either party to an arbitrator that shall be appointed by mutual consent of the both parties.</p>
		31.2	<p>After the dispute has been referred to the arbitrator, within 30 days, or within such other period as may be proposed by the Parties, the Arbitrator shall give its decision. The rendered decision shall be binding to the Parties.</p>
32.	<b>Procedure for Disputes Resolution</b>	32.1	<p>The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution named and in the place shown in the <b>SCC</b>.</p>
		32.2	<p>The rate of the Arbitrator's fee and administrative costs of arbitration shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting arbitration to its finality each party shall bear its incurred costs and expenses.</p>
		32.3	<p>The arbitration shall be conducted in accordance with place shown in the <b>SCC</b>.</p>

33.	<b>Replacement of Arbitrator</b>	33.1	Should the Arbitrator resign or die, or should the Procuring Agency and the Supplier agree that the Arbitrator is not functioning in accordance with the provisions of the contract, a new Arbitrator shall be appointed by mutual consent of the both parties.
34.	<b>Limitation of Liability</b>	34.1	<p>Except in cases of criminal negligence or willful conduct, and in the case of infringement pursuant to <b>GCC Clause 8</b>,</p> <p>a) The supplier shall not be liable to the Procuring Agency, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Procuring Agency; and</p> <p>b) The aggregate liability of the Supplier to the Procuring Agency, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment or to any obligation of the Supplier to indemnify the Procuring Agency with respect to patent infringement.</p>
35.	<b>Notices</b>	35.1	Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or in electronic forms that provide record of the content of communication and confirmed in writing or in electronic forms that provide record of the content of communication to the other party's address specified in <b>SCC</b> .
		35.2	A notice shall be effective when delivered or on the notice's effective date, whichever is later.
36.	<b>Taxes and Duties</b>	36.1	A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside Pakistan.

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		36.2	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Pakistan the Procuring Agency shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
		36.3	A local Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring Agency.

## Section-VIII: Special Conditions of Contract (SCC)

## Special Conditions of Contract (SCC)

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

SCC Clause Number	GCC Clause Number	Amendments of, and Supplements to, Clauses in the GCC
		<b>Definitions (GCC 1)</b>
1.	1.1	The Procuring Agency is: Director Procurement Pakistan Railways, Government of Pakistan, Carriage Factory Admin Building, Sector I-11, Islamabad – Pakistan. Tel: 0092-51-9278051 E-mail: dirproc@yahoo.com
2.	1.1(p)	The Supplier is: <i>[To be inserted at the time of award of contract]</i>
3.	1.1(q)	The title of the subject procurement or the Project is Procurement of Material & Services for Re-Commissioning of Accidental Locomotive No. 9021 (GEU-40)
3-A.	1.1(t)	“End User” or the Engineer means: Chief Mechanical Engineer/Loco, Pakistan Railway, Headquarters Office, Lahore, Pakistan, Tel: 0092-42-99201740
		<b>Conditions Precedents (GCC 3)</b>
3-B	3.1	The clause is modified as under:  The Contract shall come into force after receipt of irrevocable/operative Letter of Credit by the Seller.
		<b>Governing Language (GCC 4)</b>
4.	4.1	The Governing Language shall be: English

	<b>Applicable Law (GCC 5)</b>	
5.	5.1	The Applicable Law shall be: Laws of the Islamic Republic of
	<b>Country of Origin (GCC 6)</b>	
6.	6.1	Country of Origin is [ <i>To be inserted at the time of award of</i>
	<b>Performance Security ( or guarantee) (GCC 10)</b>	
7.	10.1	The amount of performance security (or guarantee), as a percentage of the Contract Price, shall be: Five (5) % of the total contract amount.
7-A.	10.3	<ul style="list-style-type: none"> <li>i. The Performance Security (or Guarantee) shall be in the form of an irrevocable Banker's Guarantee Bond from a Pakistani Scheduled bank or a foreign bank operating in Pakistan which is acceptable for Pakistan Railways on the prescribed proforma provided in the Bidding Documents.</li> <li>ii. The Performance Bond shall be kept valid by the Seller for three months after the Purchaser's receipt at Karachi Port, Pakistan of Goods and Services under this Contract.</li> </ul>
8.	10.4	The performance security (or guarantee) will be discharged by the Procuring Agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including liquidated damages charges (if any) and subject to receipt of Warranty Bond pursuant to SCC clause 17-A.
	<b>Inspections and Tests (GCC 11)</b>	
9.	11.1	Inspection and tests prior to shipment of Goods and at final acceptance are as contained in the Technical Specifications.

	<b>Packing (GCC Clause 12)</b>	
10.	12.2	<p>The following SCC shall supplement GCC Clause 12.2:</p> <ol style="list-style-type: none"> <li>i. The Seller shall ensure that the Goods are securely packed in standard seaworthy packing that can withstand normal handling during sea-cum-rail transit.</li> <li>ii. The Seller shall ensure that Goods are packed and shipped strictly in accordance with the packing list/invoices provided to the Purchaser.</li> <li>iii. In the event that the Seller fails to pack/ship the Goods in accordance with sub clause ii above, the Seller shall be responsible for any additional duties and/or other charges incurred by the Purchaser on account of the Seller's failure to pack the Goods in accordance with the terms of this Contract.</li> <li>iv. The Seller shall ensure that Packing Markings have been clearly and legibly listed on self-adhesive paper labels on each package.</li> <li>v. Against each shipment, the Seller shall provide a certificate of country of origin for the Goods being shipped.</li> </ol>
	<b>Delivery and Documents (GCC Clause 13)</b>	
11.	13.1	<p>The clause is deleted and replaced with the following:</p> <ol style="list-style-type: none"> <li>a) <u>Shipping Method</u> <ol style="list-style-type: none"> <li>i. Partial shipment shall be allowed but trans-shipment shall not be allowed.</li> <li>ii. The Goods shall be shipped FOB from Country of Origin specified in the Contract within Delivery Schedule mentioned in the Contract.</li> <li>iii. The loading seaport for shipment shall be the Port Specified in the Contract, and all shipments shall be consigned to the Consignee viz. the District Controller of Stores (Shipping) Pakistan Railways, Reti Lines, Karachi Cantt (Pakistan).</li> <li>iv. The Seller shall notify the Purchaser (Fax No. +92 (0)51-9278118) and the Consignee (Fax No. +92 (0)21-99332399) about the shipping particulars of the Goods, at least fifteen (15) days prior to each shipment.</li> </ol> </li> <li>b) <u>Shipping Carrier</u> <ol style="list-style-type: none"> <li>i. The shipment of the Goods shall be arranged through PNSC on Purchaser's account.</li> <li>ii. The Seller shall not incur any liability for delays caused by PNSC and shall be entitled to an extension of time for delivery for any delay caused by PNSC.</li> <li>iii. The Parties hereby undertake and agree that the Goods shall be placed in the ship as per Seller's requirement, in order to ensure safety.</li> </ol> </li> </ol>

		<p>c) <u>Shipping Documents</u></p> <p>i. The shipping documents shall consist of the following:</p> <p>a) Seller's Commercial Invoice 16 copies)</p> <p>b) Packing List (10 copies)</p> <p>c) Non-negotiable Bill of Lading (10 copies)</p> <p>d) Printed literature or catalogue, if any (3 copies)</p> <p>e) Inspection Certificate issued by the (3copies)  Inspection Officer(s)</p> <p>f) Certificate of country of origin (3 copies)</p> <p>g) Warranty Certificate (3 copies)</p> <p>h) Warranty Bond or a letter from the (3 copies)  Purchaser acknowledging receipt of  such Warranty Bond</p> <p>ii. The Bill of Lading shall be prepared in favour of the Consignee and not to the order of any bank.</p> <p>iii. Upon each shipment, the Seller shall send the Consignee through Express Courier Service three sets of non-negotiable Shipping Documents, and shall ensure that the same are delivered and received by the Consignee at least ten (10) days prior to the vessel's arrival in order to enable the Consignee to arrange timely clearance of the Goods.</p> <p>iv. The Seller shall also send three sets of non-negotiable Shipping Documents to the Purchaser immediately after shipment.</p> <p>v. The Seller shall be responsible for any demurrage, handling charges, delay in customs clearance arising out of non-receipt of Shipping Documents, incorrect Packing Marking(s), inaccuracies in Shipping Documents or any other failure of the Seller to comply with its obligations under this Contract.</p>
12.	13.3	Clause deleted being not applicable.
	<b>Insurance (GCC Clause 14)</b>	
13.	14.1	<p>The clause is deleted and replaced with the following:</p> <p>i. Subject to sub-clause ii below, the Purchaser shall ensure that before dispatch, the Goods on each shipment are insured by NICL (National Insurance Company Limited, NICL Building, 63 Jinnah Avenue, Blue Area, Islamabad, Pakistan (Phone No. 051-9100349, Fax No. 051-9100350)).</p> <p>ii. The Seller shall ensure that the Purchaser and NICL have been notified and informed, at least fifteen (15) days prior to shipment, about the particulars of the Goods being shipped in order to enable NICL to issue the insurance policy for each shipment. Any failure by the Seller in this regard resulting in losses etc. of the consignment shall be the responsibility of the Seller.</p>



	<b>Related Services (GCC Clause 16)</b>	
14.	16.1	Related services to be provided are as contained in the clauses No. 3 and 4 of the Technical Specifications.
	<b>Spare Parts (GCC Clause 17)</b>	
15.	17.1	Additional spare parts requirements are as contained in the clauses No. 5 of the Technical Specifications.
	<b>Warranty (GCC Clause 18)</b>	
16.	18.2	<p>In partial modification of the provisions, the warranty period and obligations will be as per clause No. 9 of the Technical Specifications. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either</p> <p style="text-align: center;">(a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 9,</p> <p style="text-align: center;">Or</p> <p>(b) pay liquidated damages to the Procuring Agency with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 0.20 percent per day of undelivered materials/goods value up to the sum equivalent to the amount of five percent of the contract value.</p>
17.	18.4 & 18.5	The period for correction of defects in the warranty period will be mutually agreed by the Parties.

17-A	18	<p>Following sub clauses shall supplement GCC Clause 18:</p> <ul style="list-style-type: none"> <li>i. Against each shipment, the Seller shall provide the Purchaser with a Warranty Bond amounting ten percent (10%) of the value of commercial invoice of the shipment (as prescribed in the bidding documents), that will serve as warranty against defective workmanship and/or bad material. The Seller shall ensure that each Warranty Bond issued pursuant to this Clause remains in full force and effect till the end of the Warranty Period.</li> <li>ii. The Warranty Bond shall be in the form of an irrevocable Banker's Guarantee Bond from a Pakistani Scheduled bank or a foreign bank operating in Pakistan which is acceptable for Pakistan Railways on the prescribed proforma provided in the Bidding Documents.</li> <li>iii. Subject to sub-clause (i) above, the Purchaser may draw on one or more Warranty Bonds if the Seller fails to rectify breach of its Warranty Obligations within thirty (30) days of giving notice.</li> </ul>
<b>Payment (GCC Clause 19)</b>		
18.	19.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <ul style="list-style-type: none"> <li>a) <u>Purchaser Letter of Credit</u> <ul style="list-style-type: none"> <li>i. The Purchaser shall open the Purchaser Letter of Credit in favour of the Seller as soon as possible after the Signing Date.</li> <li>ii. The Purchaser shall maintain in full force and effect the Purchaser Letter of Credit in the required amount, from the date of issuance of the Purchaser Letter of Credit until the date that is thirty (30) days after the Delivery Period specified in the contract; provided, however, that where the Delivery Period is extended, the Purchaser Letter of Credit will also be extended by the same number of days for which the Delivery Period has been extended.</li> <li>iii. The Purchaser Letter of Credit shall be subject to the Uniform Customs and Practice for Documentary Credits (latest version) ICC Publication No. 600 and any costs incurred with the foreign bank will be borne by the Seller. All other costs related to the Purchaser Letter of Credit shall be borne by the Purchaser.</li> </ul> </li> </ul>

18.	19.1	<p>b) <u>Interim Payment</u></p> <p>i. The Purchaser shall pay to the Seller an amount equal to hundred percent (100%) of the value of the Commercial Invoice (the “<b>Interim Payment</b>”).</p> <p>ii. The Interim Payment made pursuant to Clause (i) above shall be payable on sight against presentation of the Payment Documents.</p> <p>c) <u>Payment Documents</u></p> <p>“<b>Payment Documents</b>” means the following list of documents that must be provided by the Seller before any Interim Payment can be made:</p> <p>i. full set of Bill of Lading (original);</p> <p>ii. Commercial Invoice (in quintuplicate);</p> <p>iii. packing list (in quintuplicate);</p> <p>iv. Inspection Certificate issued by the Inspection Officer(s)</p> <p>v. certificate of country of origin;</p> <p>vi. Warranty Certificate; and</p> <p>vii. Warranty Bond or a letter from the Purchaser acknowledging receipt of Warranty Bond.</p>
19.	19.3	Clause is deleted as payment is to be made through Purchaser’s Letter of Credit.
	<b>Prices (GCC 20)</b>	
20.	20.1	Prices shall be firm and final and adjustment is not permissible.
	<b>Liquidated Damages (GCC Clause 26)</b>	
21.	26.1	<p>The provisions of the Clause are modified as below:</p> <p>i. In the event the Seller fails to deliver Good(s) and make shipment in accordance with the Delivery Schedule, then the Seller shall pay to the Purchaser liquidated damages in a sum calculated at the rate of one half of one percent (0.5%) of the value of the Commercial Invoice of the shipment so delayed for each week of delay in delivering the shipment (the “Delay Liquidated Damages”). For the purposes hereto, part of a week shall be treated as full week.</p> <p>ii. The maximum liability of the Seller for paying Delay Liquidated Damages with respect to a particular shipment shall not exceed five percent (5%) of the value of the Commercial Invoice of that shipment.</p>

<b>Procedure for Dispute Resolution (GCC Clause 32)</b>		
21-A	32.1	<p>The Clause is modified as below:</p> <ol style="list-style-type: none"> <li>i. In the event of any controversy or claim in connection with or in relation to this Contract, or a breach thereof, the Parties hereto shall consult and negotiate with each other in good faith, and recognizing their mutual interests, attempt to reach a solution satisfactory to both Parties.</li> <li>ii. If the Parties do not reach settlement within a period of thirty (30) days, they shall resort to mediation by referring the matter either to the National Centre for Dispute Resolution at Karachi or the Lahore Chamber of Commerce and Industry Mediation Centre. The Parties agree to equally share the cost of mediation.</li> <li>iii. If settlement is not reached within sixty (60) days after service of a written demand for mediation, any unresolved controversy or claim shall be settled by Arbitration in accordance with sub-Clause (ii) above.</li> <li>iv. Any claim, controversy or dispute which cannot be settled by Negotiation/Consultation and Mediation, may be submitted by either Party for final resolution to arbitration in accordance with the Arbitration Act, 1940 of the Islamic Republic of Pakistan. The reference shall be decided by three arbitrators. Each Party shall appoint one arbitrator and the third one shall be appointed with mutual consent of the two arbitrators, before entering on the reference and in any event not later than thirty (30) days from the date of the first two arbitrators' respective appointments. If the first two arbitrators cannot agree upon the appointment of the third arbitrator within two weeks of their appointment, then the procedure given in Arbitration Act, 1940 shall be followed for such appointment.</li> <li>v. The language of arbitration shall be English.</li> <li>vi. The performance of this Contract shall, if reasonably possible, continue during arbitration and no payments payable, unless disputed, be withheld.</li> <li>vii. The Parties shall be bound by the award of the arbitrators.</li> <li>viii. In instances where this Contract, Arbitration Act, 1940 or Applicable Law is silent on any rule of procedure for conducting arbitration proceedings, the Rules of Arbitration of International Chamber of Commerce (ICC), as in effect on the date of this Contract, shall apply. Provided that this shall not limit the right of Parties to mutually agree on any other rules of procedure to be followed during arbitration proceedings.</li> </ol>
23.	32.3	The seat of arbitration shall be Lahore.

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<b>Notices (GCC Clause 35)</b>		
26.	35.1	<p>— Procuring Agency’s address for notice purposes: Director Procurement Pakistan Railways, Government of Pakistan, Carriage Factory Admin Building, Sector I-11, Islamabad – Pakistan. Tel: 0092-51-9278051 E-mail: <a href="mailto:dirproc@yahoo.com">dirproc@yahoo.com</a></p> <p>—Supplier’s address for notice purposes: will be specified at the time of finalization of contract.</p>

## **SECTION IX: CONTRACT FORMS**

## Form of Contract

THIS AGREEMENT made the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between [name and address of Procuring Agency] of Pakistan (hereinafter called “the Procuring Agency”) of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called “the Supplier”) of the other part:

WHEREAS the Procuring Agency invited Bids for certain goods and related services, viz., [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and related services in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

### NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Contract, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-
  - (a) This form of Contract;
  - (b) the Form of Bid and the Price Schedule submitted by the Bidder;
  - (c) the Schedule of Requirements;
  - (d) the Technical Specifications;
  - (e) the Special Conditions of Contract;
  - (f) the General Conditions of the Contract;
  - (g) the Procuring Agency’s Letter of Acceptance; and
  - (h) [add here: any other documents]
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the goods and related services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the goods and related services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

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

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Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_ (for the Procuring Agency)

Witness to the signatures of the Procuring Agency: .....

Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_ (for the Procuring Agency)

Witness to the signatures of the Supplier: .....



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## Performance Security (or guarantee) Form

To: *[name of Procuring Agency]*

WHEREAS *[name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* to delivery *[description of goods and services]* (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

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

This guarantee is valid until the: *[insert date]*

Signature and seal of the Guarantors

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*[name of bank or financial institution]*

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*[address]*

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*[date]*

## **Integrity Pact**

### **DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE**

**Contract** \_\_\_\_\_ **Number:** \_\_\_\_\_ **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 subdivision or agency thereof or any other entity owned or controlled by it (GoP) 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, fee 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 consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, 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 GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact 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 GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [Name

of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten time 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 GoP.

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[Buyer]

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Seller/Supplier

