



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

SAY NO TO CORRUPTION



INVITATION TO BIDS THROUGH EPADS

No. DP/AC Plant/2024

Dated : 14 .11.2024

1. Worldwide tenders are invited from the OEM/Renowned manufacturers for the supply of following material according to Two Stage-Two Envelop bidding procedure vide Rule 36(d) of PPRA Rules-2004:

S. No.	Tender/Bid Number	Description of Material	Tender Closing date and time	Tender Opening date & time
1.	DP/AC Plant/2024	Procurement of Package Type Roof Mounted AC Plant for Chinese AC Business Coaches (Chinese Type)	17.12.2024 11:00 hrs	17.12.2024 11:30 hrs

2. Pre Bid conference will be held in the office of Director Procurement, Pakistan Railways, Admn Block, Carriage Factory, Islamabad on 29.11.2024 at 10:00 hrs.
3. Bid only through E-Pak Acquisition and Disposal System (EPADS) will be entertained (www.eprocure.gov.pk). No bid other than EPADS will be accepted. Bid security will be submitted before closing of tender physically in tender box in the office of Director Procurement, Pakistan Railways, Carriage Factory, Islamabad. Bidder will also upload the complete scanned copy of their bid in EPADS.
4. Bidding Documents, containing detailed terms and conditions, can be downloaded from <https://e-procure.gov.pk> free of cost.
5. The bids, prepared in accordance with the instructions in bidding documents, must be submitted on EPADS as per schedule mentioned in the table above.
6. Tenders are invited on FOB basis.
7. This advertisement is also available on following websites:
(www.pakrail.gov.pk) (www.ppra.org.pak)

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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.

Contents

Invitation to Bids	5
SECTION II: INSTRUCTION TO BIDDERS (ITBs)	7
A. INTRODUCTION	8
B. BIDDING DOCUMENTS	12
C. PREPARATION OF BIDS	15
D. SUBMISSION OF BIDS	29
E. OPENING AND EVALUATION OF BIDS	31
F. AWARD OF CONTRACT	44
G. GRIEVANCE REDRESSAL & COMPLAINT REVIEW MECHANISM	47
H. MECHANISM OF BLACKLISTING	48
SECTION III: BID DATA SHEET (BDS)	
A. Introduction	52
B. Bidding Documents	54
C. Preparation of Bids	54
D. Submission of Bids	57
E. Opening and Evaluation of Bids	57
F. Award of Contract	58
G. Review of Procurement Decisions	58
SECTION IV. ELIGIBLE COUNTRIES	60
SECTION V: SCHEDULE OF REQUIREMENTS, TECHNICAL SPECIFICATIONS	
Technical Specifications	62
SECTION VI: STANDARD FORMS	83
Letter of Bid – Technical Proposal	84
Letter of Bid – Financial Proposal	86
Bidder Information form	88
Bidder’s JV member Information Form	89
Price Schedule Form	91
Form of Bid security (Bank Guarantee)	93
Form of Bid Security (Bid Bond)	95
Form of Bid Securing Declaration	97
Manufacturer’s Authorization	98
SECTION VII: GENERAL CONDITIONS OF THE CONTRACT	
Definitions	100
Application and interpretation	103
Conditions Precedent	104
Governing Language	104

Applicable Law	104
Country of Origin	104
Standards	104
Use of Contract Documents and Information; Inspection and Audit by the Government of Pakistan	105
Patent and Copy Rights	105
Performance Security (or Guarantee)	106
Inspections and Test	106
Packing	107
Delivery and Documents	108
Insurance	108
Transportation	108
Related Services	109
Spare Parts	109
Warranty/ Defect Liability Period	110
Payment	111
Prices	111
Change Orders	112
Contract Amendments	112
Assignment	113
Sub-contracts	113
Delays in the Supplier's Performance	113
Liquidated Damages	114
Termination for Default	114
Termination for Force Majeure	115
Termination for Insolvency	116
Termination for Convenience	116
Disputes Resolution	117
Procedure for Disputes Resolution	117
Replacement of Arbitrator	118
Limitation of Liability	118
Notices	118
Taxes and Duties	118

SECTION VIII: SPECIAL CONDITIONS OF THE CONTRACT (SCC)

Definitions (GCC 1)	121
Conditions precedents (GCC3)	121
Governing Language (GCC 4)	121
Applicable Law (GCC 5)	122
Country of Origin (GCC 6)	122
Performance Security (or guarantee) (GCC 10)	122
Inspections and Tests (GCC 11)	122
Packing (GCC Clause 12)	123
Delivery and Documents (GCC Clause 13)	123
Insurance (GCC Clause 14)	124

Related Services (GCC Clause 16)	125
Spare Parts (GCC Clause 17)	125
Warranty (GCC Clause 18)	125
Payment (GCC Clause 19)	126
Prices (GCC 20)	127
Liquidated Damages (GCC Clause 26)	127
Procedure for Dispute Resolution (GCC Clause 32)	128
Notices (GCC Clause 35)	129

SECTION IX: CONTRACT FORMS.

Form of Contract	131
Performance Security (or guarantee) Form	133
Integrity Pact	134

PART-A

BIDDING PROCEDURE & REQUIREMENTS

SECTION I: INVITATION TO BIDS



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(Amir Abdullah Khan Niazi)
Director Procurement
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e-mail: dirproc@yahoo.com

SECTION II: INSTRUCTION TO BIDDERS (ITBs)

A. INTRODUCTION:

1.	Scope of Bid	1.1	The Procuring Agency (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for the provision of Goods as specified in the BDS and Section V - Technical Specifications & Schedule of Requirements . The successful Bidders will be expected to deliver the goods within the specified period and timeline(s) as stated in the BDS .
2.	Source of Funds	2.1	Source of funds is referred in Clause-2 of Invitation for Bids.
3.	Eligible bidders	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	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: <ul style="list-style-type: none"> 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. b) have controlling shareholders in common; or

			<ul style="list-style-type: none"> c) receive or have received any direct or indirect subsidy from any of them; or d) have the same legal representative for purposes of this Bid; or 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 f) Submit more than one Bid in this Bidding process.
		3.8	<p>A bidder may be ineligible if:</p> <ul style="list-style-type: none"> (a) he is declared bankrupt or, in the case of company or firm, insolvent; (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; (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; (d) the Bidder is convicted, by a final judgment, of any offence involving professional conduct; (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. (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.
		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.	Eligible Goods and Related Services	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 BDS , 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	One Bid per Bidder	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	Cost of Bidding	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	Contents of Bidding Documents	7.1	<p>The goods required, bidding procedure, and terms and conditions of the contract are prescribed in the Bidding Documents.</p> <p>Section I -Invitation to Bids Section II Instructions to Bidders (ITBs) Section III Bid Data Sheet (BDS) Section IV Eligible Countries Section V Technical Specifications, Schedule of Requirements Section VI Forms – Bid Section VII General Conditions of Contract (GCC) Section VIII Special Conditions of Contract (SCC) Section IX Contract Forms</p>
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		7.2	The number of copies to be completed and returned with the Bid is specified in the BDS .
		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.
		7.4	The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all the information required in the Bidding Documents will be at the Bidder's risk and may result in the rejection of his Bid.
8	Clarification of Bidding Documents	8.1	A prospective Bidder requiring any clarification of the Bidding Documents may notify 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 BDS .
		8.2	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 ITB 23.1 . However, this clause shall not apply in case of alternate methods of Procurement.
		8.3	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.
		8.4	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 ITB 9 .
		8.5	If indicated in the BDS , 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 in the BDS . 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.
		8.6	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.
9	Amendment of Bidding Documents	9.1	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.
		9.2	Any addendum issued including the notice of any extension of the deadline shall be part of the

			Bidding Documents pursuant to ITB 7.1 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.
		9.3	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: 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.

C. PREPARATION OF BIDS

10	Language of Bid	10.1	The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Agency shall be written in the English language unless specified in the BDS . 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 BDS , in which case, for purposes of interpretation of the Bidder, the translation shall govern.
11	Documents and Sample(s) Constituting the Bid	11.1	The Bid prepared by the Bidder shall constitute the following components: a) Form of Bid and Bid Prices completed in accordance with ITB 14 and 15 ;

			<p>b) Details of the Sample(s) where applicable and requested in the BDS.</p> <p>c) Documentary evidence established in accordance with ITB 13 that the Bidder is eligible and/or qualified for the subject bidding process;</p> <p>d) Documentary evidence established in accordance with ITB 13.3(a) 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;</p> <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 ITB 18;</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 BDS.</p>
		11.2	<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 BDS;</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 BDS.</p>
		11.3	<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>

		11.4	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.
		11.5	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.
		11.6	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).
12	Documents Establishing Eligibility of Goods and Related Services and Conformity to Bidding Documents	12.1	Pursuant to ITB 11 , 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.
		12.2	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.
		12.3	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: (a) a detailed description of the essential technical specifications and performance characteristics of the Goods; (b) an item-by-item commentary on the

			<p>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;</p> <p>(c) any other procurement specific documentation requirement as stated in the BDS.</p>
		12.4	<p>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 specified in the BDS following commencement of the use of the goods by the Procuring Agency.</p>
		12.5	<p>For purposes of the commentary to be furnished pursuant to ITB 12.3(c) 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.</p>
		12.6	<p>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.</p>

13	Documents Establishing Eligibility and Qualification of the Bidder	13.1	Pursuant to ITB 11 , the Bidder shall furnish, as part of its Bid, all those documents establishing the Bidder’s eligibility to participate in the bidding process and/or its qualification to perform the contract if its Bid is accepted.
		13.2	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”.
		13.3	<p>The documentary evidence of the Bidder’s qualifications to perform the contract if its Bid is accepted shall establish to the satisfaction of Procuring Agency that:</p> <ul style="list-style-type: none"> a) in the case of a Bidder offering to deliver goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods’ Manufacturer or producer to deliver the goods in Pakistan; b) the Bidder has the financial, technical, and supply/production capability necessary to perform the Contract, meets the qualification criteria specified in BDS. 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. d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.
14	Form of Bid	14.1	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.

15	Bid Prices	15.1	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.
		15.2	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.
		15.3	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): Provided that: a) where there is only one (substantially) responsive bidder, or b) where there is provision for alternate proposals and the respective items are not listed in the other bids the procuring agency may fix the price of missing items in accordance with market survey, and the same shall be considered as final price.
		15.4	The Bid price to be quoted in the Form of Bid in accordance with ITB 15.1 shall be the total price of the Bid, excluding any discounts offered.
		15.5	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.
		15.6	Prices indicated on the Price Schedule shall be entered separately in the following manner:

			<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>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>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 BDS.</p> <p>iv. the price of other (incidental or allied) services, if any, listed in the BDS.</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 BDS. 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>
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			<p style="text-align: center;">or</p> <ul style="list-style-type: none"> ii. the price of the goods quoted FOB port of shipment (or FCA, as the case may be), if specified in the BDS. or iii. the price of goods quoted CFR port of destination (or CPT as the case may be), if specified in the BDS. 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 BDS. v. the price of (incidental) services, if any, listed in the BDS.
		15.8	<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;">a) For Goods:</p> <ul style="list-style-type: none"> i. the price of the Goods, quoted as per applicable INCOTERMS as specified in the BDS. 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 style="text-align: center;">b) For Related Services:</p> <ul style="list-style-type: none"> i. The price of the related services, and 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.
		15.9	<p>Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and</p>

			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.
		15.10	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.
16	Bid Currencies	16.1	<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 BDS.</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, 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.</p>
		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 (financial part of) bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day.

		16.3	Bidders shall indicate details of their expected foreign currency requirements in the Bid.
		16.4	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 SCC are reasonable and responsive to ITB 16.1 .
17	Bid Validity Period	17.1	Bids shall remain valid for the period specified in the BDS 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.
		17.2	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 ITB 18 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 ITB 18 in all respects.
		17.3	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.
18	Bid security or Bid Securing Declaration	18.1	Pursuant to ITB 11 , unless otherwise specified in the BDS , 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 BDS or Bid Securing Declaration as specified in the BDS in the format provided in Section VI (Standard Forms) .
		18.2	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 ITB 18.9 .
		18.3	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 BDS 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; b) a cashier's or certified cheque; or c) another security if indicated in the BDS
		18.4	The Bid Security or Bid Securing Declaration shall be in accordance with the Form of the Bid Security or Bid Securing Declaration included in Section VI (Standard Forms) or another form approved by the Procuring Agency prior to the Bid submission.
		18.5	The Bid Security shall be payable promptly upon written demand by the Procuring Agency in case any of the conditions listed in ITB 18.9 are

			invoked.
		18.6	Any Bid not accompanied by a Bid Security or Bid Securing Declaration in accordance with ITB 18.1 or 18.3 shall be rejected by the Procuring Agency as non-responsive, pursuant to ITB 28 .
		18.7	<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 ITB 17. 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"> (a) the expiry of the Bid Security; (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; (c) the rejection by the Procuring Agency of all Bids; (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.
		18.8	The successful Bidder's Bid Security will be discharged upon the Bidder signing the contract pursuant to ITB 41 , or furnishing the performance security (or guarantee), pursuant to ITB 42 .
		18.9	The Bid Security may be forfeited or the Bid Securing Declaration executed:

			<p>a) if a Bidder:</p> <p>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 ITB 17.2; or</p> <p>ii) does not accept the correction of errors pursuant to ITB 30.3; or</p> <p>b) in the case of a successful Bidder, if the Bidder fails:</p> <p>i) to sign the contract in accordance with ITB 41; or</p> <p>ii) to furnish performance security (or guarantee) in accordance with ITB 42.</p>
19	Alternative Bids by Bidder	19.1	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 BDS . If so allowed, ITB 19.2 shall prevail.
		19.2	When alternative schedule for delivery of goods is explicitly invited, a statement of that effect will be included in the BDS as will the method for evaluating different schedule for delivery of goods.
		19.3	If so allowed in the BDS , 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.
20.	Withdrawal, Substitution, and Modification of Bids.	20.1	Before bid submission deadline, any bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the corresponding substitution or modification must accompany the respective written notice.
		20.2	Bids requested to be withdrawn in accordance with ITB 20.1 shall be returned unopened to the Bidders.
21	Format and Signing of Bid	21.1	The Bidder shall prepare an original and the number of copies of the Bid as indicated in the BDS , 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.
		21.2	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 BDS and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, except for un-amended printed literature, shall be initialed by the person or persons signing the Bid.
		21.3	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

22	Sealing and Marking of Bids	22.1	<p>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.</p> <p>Note: <i>The envelopes shall be sealed and marked in accordance with the bidding procedure adopted as referred in Rule-36 of PPR-2004.</i></p>
		22.2	<p>The inner and outer envelopes shall:</p> <ul style="list-style-type: none"> a) be addressed to the Procuring Agency at the address given in the BDS; and b) bear the title of the subject procurement or Project name, as the case may be as indicated in the BDS, the Invitation to Bids (ITB) title and number indicated in the BDS, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the BDS, pursuant to ITB 23.1.
		22.3	<p>In case of Single Stage Two Envelope Procedure and Two 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:</p> <ul style="list-style-type: none"> a) Bidder shall submit his TECHNICAL PROPOSAL and FINANCIAL PROPOSAL in separate inner envelopes and enclosed in a single outer envelope. b) ORIGINAL and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such. c) The envelopes containing the ORIGINAL and copies will be put in one sealed envelope and addressed/ identified as given in Sub- Clause 21.2.

		22.4	<p>The inner and outer envelopes shall:</p> <ul style="list-style-type: none"> a) be addressed to the Procuring Agency at the address provided in the Bidding Data; 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 ITB 23.1. 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. <p>If all envelopes are not sealed and marked as required by ITB 22.2, ITB 22.3 and ITB 22.4 or incorrectly marked, the Procuring Agency will assume no responsibility for the misplacement or premature opening of Bid.</p>
23	Deadline for submission of Bids.	23.1	Bids shall be received by the Procuring Agency no later than the date and time specified in the BDS .
		23.2	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 ITB 9 , 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.
24	Late Bids	24.1	The Procuring Agency shall not consider for evaluation any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 23 .
		24.2	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.
25	Withdrawal of Bids	25.1	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.
		25.2	Revised bid may be submitted after the withdrawal of the original bid in accordance with the provisions

		referred in ITB 22.
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E. OPENING AND EVALUATION OF BIDS:

26	Opening of Bids	26.1	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.
		26.2	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.
		26.3	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.
		26.4	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.
		26.5	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.
		26.6	In case of Single Stage Two Envelope Procedure and Two

			Stage Two Envelope Procedure, the Procuring Agency will open the Technical Proposals in public at the address, date and time specified in the BDS 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.
		26.7	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.
		26.8	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.
		26.9	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.
		26.10	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 ITB 24 .
		26.11	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.
		26.12	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.
		26.13	A copy of the minutes of the Bid opening shall be furnished to individual Bidders upon request.

		26.14	In case of Single Stage Two Envelop Bidding Procedure and Two Stage Two Envelope 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 un-opened to the respective bidders subject to redress of the grievances from all tiers of grievances.
27	Confidentiality	27.1	Information relating to the examination, clarification evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report.
		27.2	Any effort by a Bidder to influence the Procuring Agency processing of Bids or award decisions may result in the rejection of its Bid.
		27.3	Notwithstanding ITB 27.2 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.
28	Clarification of Bids	28.1	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.
		28.2	The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication. 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 ITB 31 .
		28.3	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"> d) tax requirements; e) terms and conditions of bidding documents. f) change in the ranking of the bidder
		28.4	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.
29	<i>Preliminary Examination of Bids</i>	29.1	<p>Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:</p> <ul style="list-style-type: none"> a) meets the eligibility criteria defined in ITB 3 and ITB 4 b) has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents; c) has been properly signed; d) is accompanied by the required securities; and e) is substantially responsive to the requirements of the Bidding Documents. <p>The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.</p>
		29.2	<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"> a) affects in any substantial way the scope, quality, or performance of the Services; b) limits in any substantial way, inconsistent with the Bidding Documents, the Procuring Agency's rights or the Bidders obligations under the Contract; or c) if rectified, would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.
		29.3	The Procuring Agency will confirm that the documents and information specified under ITB 11, 12 and 13 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.

		<p>29.4 The Procuring Agency may waive off any minor informality, nonconformity, or irregularity in a Bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.</p> <p>Explanation: <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"> a) <i>Submit the number of copies of signed bids required by the invitation;</i> b) <i>Furnish required information concerning the number of its employees;</i> 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>
		<p>29.5 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>
		<p>29.6 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>
		<p>29.7 If a Bid is not substantially responsive, it will be rejected by the</p>

			Procuring Agency and may not subsequently be evaluated for complete technical responsiveness.
30	Examination of Terms and Conditions; Technical Evaluation	30.1	The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.
		30.2	The Procuring Agency shall evaluate the technical aspects of the Bid submitted in accordance with ITB 22 , to confirm that all requirements specified in Section V – Schedule of Requirements, Technical Specifications of the Bidding Documents have been met without material deviation or reservation.
		30.3	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 ITB 29 , it shall reject the Bid.
31	Correction of Errors	31.1	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"> 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; 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 c) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern. 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.
		31.2	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 ITB 18.9 .
32	Conversion to Single Currency	32.1	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.
		32.2	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 BDS .
33	Evaluation of Bids	33.1	The Procuring Agency shall evaluate and compare only the Bids determined to be substantially responsive, pursuant to ITB 29 .
		33.2	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.
		33.3	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
		33.4	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.

		33.5	<p>In evaluating the Bidders, the evaluation committee will, in addition to the Bid price quoted in accordance with ITB 15.1, take account of one or more of the following factors as specified in the BDS, and quantified in ITB:32.5</p> <ul style="list-style-type: none"> a) Cost of inland transportation, insurance, and other costs within the Pakistan incidental to delivery of the goods to their final destination; b) delivery schedule offered in the Bid. c) deviations in payment schedule from that specified in the Special Conditions of Contract; d) the cost of components, mandatory spare parts, and service; e) the availability (in Pakistan) of spare parts and after-sales services for the equipment offered in the Bid; f) the projected operating and maintenance costs during the life of the equipment; g) the performance and productivity of the equipment offered; and/or h) other specific criteria indicated in the BDS and/or in the Technical Specifications.
		33.6	<p>For factors retained in BDS, pursuant to ITB 33.4 one or more of the following quantification methods will be applied, as detailed in the BDS:</p> <ul style="list-style-type: none"> a) <i>Inland transportation from EXW/port of entry/ border point, Insurance and incidentals.</i> <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 BDS 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"> b) <i>Delivery schedule</i> <ul style="list-style-type: none"> 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.

			<p>Treating the Bid resulting in such time of arrival as the base, a delivery “adjustment” will be calculated for other Bids by applying a percentage, specified in the BDS, 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>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. No credit will be given to earlier deliveries, and Bids offering delivery beyond this range will be treated as non-responsive. Within this acceptable range, an adjustment per week, as specified in the BDS, 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>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 BDS, 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>Or</p> <p>ii) The SCC 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 earlier</p>
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			<p>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 BDS.</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 BDS. 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 BDS, 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 BDS 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 BDS 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 the norm of 100, an adjustment for an amount</p>
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			<p>specified in the BDS 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 BDS 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 BDS 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 BDS and/or the Technical Specifications.</p>
		33.6	<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 BDS.</p>
34	Domestic Preference	34.1	<p>If the BDS 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>
35	Determination of Most Advantageous Bid	35.1	<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>
		35.2	<p>The Procuring Agency may adopt the Quality & 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</p>

			<p>mandatory requirements and mandatory technical specifications, requires parameters specified in Evaluation Criteria 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>
36	Post-qualification of Bidder and/or Abnormally Low Financial Proposal	36.1	<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 BDS.</p> <p>In case of International Tendering, the parameters for incorporation or licensing within Pakistan may be fulfilled as part of post qualification.</p>
		36.2	<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</p>

			<p>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>Guidance for Procuring Agency:</p> <p>In order to identify the Abnormally Low Bid (ALB) following approaches can be considered to minimize the scope of subjectivity:</p> <ul style="list-style-type: none"> (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.
		36.3	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.
		36.4	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.
		36.5	<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>Explanation: 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>
		36.6	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.

F. AWARD CONTRACT

37	Criteria of Award	37.1	Subject to ITB 36 and 38, the Procuring Agency will
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			<p>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> <p>a) eligible in accordance with the provisions of ITB 3;</p> <p>b) is determined to be qualified to perform the Contract satisfactorily; and</p> <p>c) Successful negotiations have been concluded, if any.</p>
38	Negotiations	38.1	<p>Negotiations may be undertaken with the Most Advantageous Bid relating to the following areas;</p> <p>(a) a minor alteration to the technical details of the statement of requirements;</p> <p>(b) reduction of quantities for budgetary reasons, where the reduction is in excess of any provided for in the Bidding documents;</p> <p>(c) a minor amendment to the special conditions of Contract;</p> <p>(d) finalizing payment arrangements;</p> <p>(e) delivery arrangements</p> <p>(f) the methodology for provision of related service; or</p> <p>(g) clarifying details that were not apparent or could not be finalized at the time of Bidding.</p>
		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	Procuring Agency's Right to reject All Bids	39.1	<p>Notwithstanding ITB 37, 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>

40	Procuring Agency's Right to Vary Quantities at the Time of Award	40.1	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.
41	Notification of Award	41.1	Prior to the award of contract, the Procuring Agency shall issue a Final Evaluation Report giving justification for acceptance or rejection of the bids.
		41.2	Where no complaints have been lodged, the Bidder whose Bid has been accepted will be notified of the award by the Procuring Agency prior to expiration of the Bid Validity period in writing or 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).
		41.3	The notification of award will constitute the formation of the Contract, subject to the Bidder furnishing the Performance Security (or guarantee) in accordance with ITB 43 and signing of the contract in accordance with ITB 42.2 .
		41.4	Upon the successful Bidder's furnishing of the performance security (or guarantee) pursuant to ITB 43 , 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 ITB 18.7 .
42	Signing of Contract	42.1	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.
		42.2	Immediately after the Redressal of grievance by the GRC, and after fulfillment of all conditions precedent of the Contract Form, the successful Bidder and the Procuring Agency shall sign the contract.
		42.3	Where no formal signing of a contract is required, purchase order issued to the bidder shall be construed to be the contract.

43	Performance Security (or Guarantee)	43.1	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 BDS and SCC , denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the Conditions of Contract.
		43.2	<p>If the Performance Security (or Guarantee) is provided by the successful Bidder and it shall be in the form specified in the BDS which shall be in any of the following:</p> <ul style="list-style-type: none"> (a) certified cheque, cashier's or manager's cheque, or bank draft (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; (c) bank guarantee confirmed by a reputable local bank or, in the case of a successful foreign Bidder, bonded by a foreign bank; or (d) surety bond callable upon demand issued by any reputable surety or insurance company. <p>Any Performance Security (or guarantee) submitted shall be enforceable in Pakistan.</p>
		43.3	Failure of the successful Bidder to comply with the requirement of ITB 43.1 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.
44	Advance Payment	44.1	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.
		44.2	The Procuring Agency will provide an Advance Payment as stipulated in the Conditions of Contract, subject to a maximum amount, as stated in the BDS . 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.
45	Arbitrator	45.1	The Arbitrator shall be appointed by mutual consent of the both parties as per the provisions specified in the SCC.
46	Corrupt & Fraudulent Practices	46.1	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

47	Constitution of Grievance Redressal	47.1	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.
48	GRC Procedure	48.1	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.
		48.2	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.
		48.3	In case, the complaint is filed against the technical evaluation report, the GRC shall suspend the procurement proceedings.
		48.4	In case, the complaint is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report:

			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.
		48.5	The GRC, in both the cases shall investigate and decide upon the complaint within ten days of its receipt.
		48.6	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.
		48.7	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.
		48.8	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.
		48.9	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.
		48.10	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

49	Mechanism of Blacklisting	49.1	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"> i) Involved in corrupt and fraudulent practices as defined in Rule-2 of Public Procurement Rules; ii) Fails to perform his contractual obligations; and iii) Fails to abide by the id securing declaration.
		49.2	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.
		49.3	The procuring agency shall give minimum of seven days to the bidder or contractor for submission of written reply of the show cause notice.
		49.4	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.
		49.5	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.
		49.6	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.
		49.7	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.
		49.8	The Procuring Agency shall communicate to the bidder or contractor the order of debarring 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.
		49.9	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.
		49.10	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.
		49.11	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.
		49.12	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
A. Introduction		
1	1.1	<p>Name of Procuring Agency: Director Procurement, Pakistan Railways, Government of Pakistan.</p> <p>The subject of procurement is: Procurement of Package Type Roof Mounted AC Plants for Chinese Business Coaches</p> <p>Period of Delivery of goods:</p> <p>a) The successful firm will offer two (02) Nos. AC Units alongwith Control Panel within the two (02) months after the effectiveness of the Contract Agreement. These AC Units will be inspected by PR official at the premises of the manufacturer.</p> <p>b) After successful inspection, the firm will supply entire material within 04 months.</p> <p>Commencement date for delivery of Goods: Immediately after the contract becomes effective.</p>
2	2.1	<p>Financial year for the operations of the Procuring Agency: 2024-25 to 2025-26</p> <p>Name of Project: “Replacement of Roof Mounted AC Plants in Passenger Coaches for Better Service Delivery”</p> <p>Name of financing institution: Government of Pakistan</p> <p>Name and Identification number of the Contract: DP/AC Plants/(<i>year of contract award</i>)</p>
3	3.1	<p>Maximum number of members in the joint venture, consortium or association shall be: 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:</p> <p>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> <ol style="list-style-type: none">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.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.)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.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.
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6	3.9	Following shall supplement the Provisions of this clause: Requirements means various requirements mentioned in the bidding documents.
7	4.1	Ineligible countries are as indicated in Section IV (Eligible Countries)
8	4.5	Demonstration of authorization by manufacturer: Manufacturer's authorization required as prescribed in Section-VI
B. Bidding Documents		
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	The address for clarification of Bidding Documents 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
	8.5,9.2	Pre-bid meeting 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
C. Preparation of Bids		
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)	<p>The qualification criteria required from Bidders in ITB 13.3(b) and 13.3 (d) is modified as contained in the technical specifications.</p> <p>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.</p>
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><u>Karachi Office.</u></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><u>Lahore Office.</u></p> <p>PNSC Regional representative at Lahore. Telephone Nos. 042/35711193 & 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>

		(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.
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\$ 50,000.00 "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.
D. Submission of Bids		
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)	Title of Procurement: Procurement of Package Type Roof Mounted AC Plants for Chinese Business Coaches ITB title and No: International Tender Notice No. DP/AC Plant/2024 Time and date for submission: 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).
E. Opening and Evaluation of Bids		
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	Determination of Most Advantageous Bid 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.
F. Award of contract		
41	40.1	Percentage for quantity increase or decrease is 15%.
42	43.1	The Performance Security shall be five percent (05%) of the Contract Price. The warranty Bond will be 10% required at the time of supply.
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.
G. Review of Procurement Decisions		
47	49.1	The address of the Procuring Agency: 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

		The Address of PPRA to submit a copy of grievance: Grievance Redressal Appellate Committee, Public Procurement Regulatory Authority, 1 st Floor, G-5/2, Islamabad, Pakistan Tel: +92-51-9202254
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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***

**TECHNICAL SPECIFICATIONS FOR PACKAGE TYPE
ROOF MOUNTED AIR CONDITIONING UNIT FOR CHINESE
TYPE BUSINESS CLASS AC COACHES**

This specification covers the supply, installation and commissioning of Roof mounted Package Type Air-conditioning Units and supervision for maintenance & operation for two years.

SCOPE OF WORK

- a. Supply, Installation, Testing and Commissioning of Package Type Roof Mounted AC Plant, Capacity 130200 BTUs/Hour, Complete Unit with Control Panel as per CEE's specifications No.PR/CHNS-PTACU/2024.
- b. Spare Parts as per Annexure-A of the Technical Specification (Optional but rates must be quoted).
- c. Supervision for Maintenance & Operation for two years (Free of Cost).

1. GENERAL CONDITIONS

Roof Mounted Package Type Air-conditioning Units (ACU) shall be suitable for mounting on the roof of Chinese Type Railway Carriages. The design of Package Type Air Conditioning Units, the technical specifications and characteristics of the materials shall be the same as used in the existing Chinese Type air-conditioned coaches of 175 coaches Projects.

- 1.1 Roof Mounted Package Type Air-conditioning Units (ACU) shall be suitable to offset the cooling and heating loads of Chinese Type Business class Railway AC coaches and to maintain the comfort conditions for travelling passengers inside the coach.

The AC Business Type Coaches shall have two (02) Nos. Package type Air Conditioning Units of 26 kW cooling capacity each which shall be installed at each end of the coach roof.

The Package Type Air-conditioning Unit (ACU) shall be installed on the roof of the passenger Coach. The Electrical Control Cabinet shall be installed inside of the Coach. Power and control cables shall run on the cable trays from Package Air Conditioning Units to the Control Cabinet. Connectors of adequate capacity shall be used where required. The supply and return air connections shall be located in the front part of the unit and respectively connected with the supply and return air ducts by using proper flexible connections. 175 mm depth robust type flexible connections of adequate size shall be provided with the Package AC Unit. Fresh air intakes and filters shall be installed on the sides of the unit, according to the sample available with DEE/W office Mughalpura Lahore.

- 1.2 Each Package type air conditioning unit shall consist of two separate refrigeration circuits working independently. All the equipment shall be of such overall dimensions (Mentioned in Table 3.2 of technical parameters), operating weights (680kg approx.), service area requirements and configuration that it can be fitted in the railway carriage roof without any adverse effect on its performance, clearance and other requirements. The dimensional drawing of the OEM ACUs is Annexed-B for reference purpose and general guidance only. The bidders are strongly urged and encouraged to visit and examine actual requirements for proper offer and supply of the material.

Compressors, evaporators, two blower fans with motors, drip trays, condensers, one condenser fan with motor, short tube type refrigerant control (including distributor / tubes), two heater assemblies, fresh air intake louvers with filters and motorized dampers, controls and other accessories shall be assembled in a robust type non-magnet stainless steel robust housing / casing (SUS 316). Main structure / frame of the housing of the package type air conditioning unit shall be made of minimum 3 mm Non-Magnet Stainless Steel (SUS 316). The structure / frame shall be enclosed with main housing, constructed of minimum 2 mm thick Non-Magnet Stainless Steel (SUS 316) sheet. SS nuts bolts and screws shall be used for main assembly manufacturing / fabrication. Vinyl / polyurethane insulation of minimum 07 mm thickness shall be applied / firmly adhered to the complete inner surface / enclosure of ACU. Minimum 13 mm thick Vinyl / polyurethane insulation shall be applied / firmly adhered to the complete inner surface of evaporator side enclosure.

- 1.3 The main components of the Package Type Air-conditioning Unit (ACU) shall be arranged, designed, made and installed / fitted in the main housing as per Chinese Type Roof Mounted Package Type Air-conditioning Unit (ACU) of 175 Coaches Projects. The bidder shall visit the DEE/W office Mughalpura Lahore, to check and ensure the proper design and fitment of the package type AC unit into the roof of Railway carriage without compromising on its performance and efficiency.

- 1.4 The starting sequence of operation of the two refrigeration circuits shall be having time lag of minimum 7 seconds. Operation of refrigeration circuits shall be such that each refrigeration circuit / cycle shall become on or off automatically as per air conditioning load requirement or attaining the preset range of automatic temperature controller.

Heaters shall be interlocked with the blowers operation. Blowers shall start prior to energizing the heaters. In case of non-operation of blowers, the Heaters shall not operate.

- 1.5 All the materials and equipment, used in Roof Mounted Package Type Air-conditioning Unit (ACU), shall be brand new and of the highest

grade, free from defects and imperfections, of recent manufacture and unused.

All equipment supplied shall be brand new, factory manufactured and factory assembled (OEM) and complete in all respects.

- 1.6 Workmanship and general finish shall be of the highest grade, in accordance with the requirements (specified herein) and the best modern standard engineering practice.
- 1.7 Package Type Air-conditioning Unit (ACU) shall be complete in all respects with all accessories necessary to serve the intended purpose, whether specified or not.
- 1.8 The bidders are strongly encouraged to visit and experience Pakistan Railways operating conditions in their own interest for proper working of the supplied material accordingly.

2. WORKING CONDITIONS

Following are the indoor and outdoor working conditions;

2.1 Service / Outdoor Conditions.

- a. Altitude (Meters above sea level):

Normal	150 Meters
Maximum	2000 Meters
- b. Maximum Ambient Temperature 55⁰C
Minimum Ambient Temperature -17.7⁰C
- c. Relative Humidity 15% to 95%.
- d. Rain-fall
During Monsoon season from
June to October maximum
Within 24 Hours 355 mm
- e. Environment status Frequent Sand Storm, Dusty

2.2 Air-Conditioned Areas / Room Conditions.

- a. Summer 22⁰ C Dry Bulb Temperature
50% Relative Humidity
- b. Winter 22⁰ C Dry Bulb Temperature

2.3 Operating Conditions

- a. Train's Operational Speed: 140 Km/Hours.
- b. General conditions. Jolts and Jerks.
- c. Track Condition Average.

PART –A

3. TECHNICAL DATA

3.1 General

The package type air conditioning unit shall be suitable for operation on 380/400 volts / 3 Phase / 50 Hz AC power supply. It shall be charged with R-407-C or equivalent Ozone Non-depleting refrigerant and its internal electrical wiring shall be connected with external electrical supply through plug coupling arrangement/ electric connectors. Package AC units shall be complete in all respects and fitted with all necessary components, accessories and gadgets.

Following are the main technical parameters of the roof mounted Chinese type Package Air Conditioning Units;

3.2 Main Technical Parameters of the Package type AC Units

Unit Model	KLD26PA manufactured by M/s Guangzhou Zhongche Railway Vehicles Equipment Joint-stock Co., Ltd China or Equivalent	
Unit Type	Roof top, Flat Bottom, supply and return air connections located at front of units	
Refrigerant Control	Special Capillary or Short Tube type with distributor, distribution tubes and manifold to provide several refrigerant paths through the evaporator.	
Cooling Capacity	26 kW	
Heating Capacity	2 x 4.5 kW / set (Consisting 6 rods with helically wound fins each 750W)	
Refrigerant	R-407c or equivalent Ozone Non-depleting refrigerant	
Refrigerant Charging volume	2 x 4 kg	
Power Supply	Main Circuit	380/400 V, 3 Phase AC, 50 Hz
	Control Circuit	220V, Single Phase AC, 50 Hz
Dimensions LxWxH (mm)	1900 x 2100 x 498	
Weight (kg)	680	
Frame Material	SUS 316	

3.3 Technical Parameters of Main Parts

The technical parameters of main parts the roof mounted Chinese type Package AC Units shall be as under:

Unit Model	KLD26PA manufactured by M/s Guangzhou Zhongche Railway Vehicles Equipment Joint-stock Co., Ltd China or Equivalent
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Compressors	Type	Copeland Scroll ZR81 or equivalent.
	Quantity (No.)	2
	Input Power	3Phase, 380/400 V, 50 Hz (5.81 kW)
Condenser Coils	Type	6 - rows, air cooled, copper tubes with aluminum fins
	Quantity (No.)	2
Condenser Fans	Type	Axial Flow
	Power (kW)	2.2
	Rotations (RPM)	960
	Quantity (No.)	1
Evaporator Coils	Type	6 - rows, air cooling, copper tubes with aluminum fins
	Quantity (No.)	2
Evaporator Fan motor	Type	Centrifugal
	Air Flow	2 x 1700 m ³ /h
	Power	0.55 kW each
	Rotations (RPM)	1350
	Quantity (No.)	2
Electrical Heater Assembly	Type	Consisting 6 rods with helically wound fins each 750W
	Power	4.5kW each
	Quantity (No.)	2

3.4 Safeties and Protections

Electrical Heater Protection	Circuit Switch On	70°C ± 5°C
	Circuit Switch Off	50°C
	Fusion Point	139°C ± 5°C
High pressure switch	Type	PS200-3124-H
	Quantity (No.)	2
	Circuit Switch Off	3.1 ± 0.1 MPa
	Circuit Switch On	2.4 ± 0.15 MPa
Low pressure switch	Type	LCB-LA82
	Quantity (No.)	2
	Circuit Switch Off	0.19 ± 0.05 MPa
	Circuit Switch On	0.32 0.05 MPa

3.5 Frame and Housing of the Package Type Unit

The frame and housing of the package type unit shall be of Non-Magnet Stainless Steel, having SUS 316 Properties

4 COMPRESSORS

Hermetically sealed **Scroll** Compressors of capacities indicated in sections 3.2 and 3.3, to be used in required Package Type AC units shall be of “Copeland” or “Danfoss” brands make USA or equivalent suitable for working on R-407c or equivalent Ozone Non-depleting refrigerant. Compressors and their installation arrangement shall be according to the sample available with DEE/W office Mughalpura Lahore.

5. CONDENSERS

6 rows condensers shall be made of aluminum fins and copper tubes of suitable size. It shall have suitable capacity matching with the hermetically sealed compressor, evaporators and capillary / short tube type refrigerant control of the required Package Type Air-conditioning Units. Condensers coil, Condenser Fan motor assembly and their installation arrangements shall be according to the sample available with DEE/W office Mughalpura Lahore.

5.1 **Condenser Fan**

Condenser fans shall be designed in the same way, as in AC Coaches of 175 Coaches Project, to provide the air flow and conditions matching the cooling capacities of the required Package Type Air-conditioning Units. It shall deliver the air in draw through arrangement when fixed with the main housing.

5.2 **Condenser Fan Motor**

Condenser fan motor, Chinese type, shall be 2.2 KW, 3 Phase, 380/400 V, 50 Hz, 960 RPM. Condenser fan motor (having "H" class (180°C) insulation), shall be suitable for vertical operation. It shall be capable to run above mentioned condenser fan. Electric motor shall be water / rain proof having protection **IP65**.

Siemens, ABB and original Chinese type or equivalent motors shall be acceptable.

5.3 **Condenser Fan and Motor Assembly**

Robust type open able hinged Condenser fan and motor assembly shall be made of SS sheet of minimum 2 mm and frame of SS sheet of minimum 3 mm (**or higher**) and shall be fixed in a main housing in such a manner that there is no leakage or by passing of air. It shall be provided with 02 No. lifting handles with adjustable support / stand so that it can be opened easily by two persons. It shall have draw-through air flow arrangement with respect to condenser. Mounting arrangement of the motor shall be according to the sample available with DEE/W office Mughalpura Lahore.

Sample of condenser fan and motor assembly can be seen in the office of DEE/W office Mughalpura Lahore. **Successful bidder can obtain the sample after Purchase Order under usual terms and conditions.**

6. EVAPORATOR

6 rows evaporators shall have adequate capacities matching with other components like compressor, condenser and capillary / short tube type refrigerant control etc. Evaporators shall be made of aluminum fins and copper tubes. The evaporator coil face velocity shall be kept in required limits to avoid

moisture carry over through the ducts. Evaporators and blower fans of adequate matching capacities shall be installed according to the sample available with DEE/W office Mughalpura Lahore.

6.1 Evaporator Fan and Electric Motor

Evaporator fan shall be designed / selected to provide adequate quantities of supply air matching with the required package AC unit and refrigeration circuits as indicated in sections 3.2 and 3.3. Evaporator / blowers fan motors shall be of aluminum alloy body having “H” class insulation complete with impellers. Blower fan housing shall be made of non-magnet stainless steel sheet.

7. ELECTRIC MOTORS

7.1 Condenser fan, evaporator blower fan and other motors shall be of Siemens, ABB or Chinese (same as fitted in the Package AC units of 175 Projects Chinese Coaches Projects) brands. Motors shall be completely sealed to make it free from the ingress of water & dust (IP65). Connection boxes of the motors shall be fully protected against the ingress of water and dust.

7.2 Necessary Parameters of Electric Motors

- a. Motor shall be heavy duty type to work round the clock totally enclosed / water resistant, to avoid water seepage and dust ingress etc. (IP65).
- b. The parts of the motor will be inter-changeable with all same types of motors.
- c. The material should be robust to prevent against the damage caused by frequent dismantling/opening.
- d. Insulation and winding material of motor should be “H” class (180°C).
- e. Each side covers fixing bolts should be Socket Head/Allen Key type.
- f. Both side bearings shall be Make Japan / European, brands SKF, FAG or NTN.
- g. Bearings shall be heavy duty and suitable for the vertical / Horizontal mounting of motor.
- h. Motor should be able to bear heavy vibration and jerks during working.
- i. Each motor shall have its name plate with full technical data.

8. HEATER ASSEMBLY

Heater assemblies, used in package AC unit, with helically wound fins of adequate capacities as indicated in section 3.2 and 3.3, shall be installed according to the sample available with DEE/W office Mughalpura Lahore.

9. **HOUSING**

The housing of the package type unit shall be made in accordance with structure and size given in the sections 3.2 and 3.3. Mounting arrangement of all the components shall be according to the sample available with DEE/W office Mughalpura Lahore. The unit shall be supplied with 06 Nos. specially designed anti-vibration mountings.

The evaporator unit's bottom, sides and top cover shall be of double skin construction of non-magnet SS sheet, sandwich type, insulated with minimum 13 mm thick vinyl / polyurethane insulating material to ensure proper thermal insulation as per sample available with DEE/W office Mughalpura Lahore.

The top cover shall be fully air tight, provided with proper clips and catches/latches to avoid leakage of conditioned air.

10. **ANTIVIBRATION MOUNTINGS**

Unit shall be supplied with 06 Nos. specially designed anti-vibration mountings and fixing bolts and nuts required for mounting the unit on the carriage structure to absorb vibration jerks and jolts of the running train at a maximum speed of 140 km/hour. Sample of the anti-vibration mountings can be seen in the office of DEE/W office Mughalpura Lahore.

11. **FRESH AIR CONTROL SYSTEM**

The Package Type Roof Mounted AC Unit shall consist of Motorized Fresh Air Control System same as supplied in Chinese Package Type AC Units Model No.KLD26PA procured against 175 Coaches project.

PART-B

12. ELECTRICAL CONTROLS AND PROTECTION CABINET

The cabinets shall be totally enclosed and provided with hinged doors having see-through window and in-built locking arrangement. These shall have rubber seals to avoid ingress of dust. The cabinets shall be painted in white or light gray powder coating. These shall be complete in all respects with proper internal wiring in cable tray, incoming and outgoing terminals and fitted with electrical components. **The successful bidder** shall supply the drawings along with their offer specifying the components and operation sequence. Following are the minimum requirements for the components of control cabinets **and the Devices/ Components are either to be fitted on the Cabinet Door or inside the cabinet as per design of AC Coaches under 175 Coaches projects**

THE DETAIL OF ELECTRICAL COMPONENTS FITTED IN EACH AC CONTROL PANEL OF CHINESE AC UNIT MODEL NO.KLD26PA

The size, quantities and minimum rating of electrical cabinets / panels and components shall match the existing ones of 175 coaches' projects samples available with DEE/W office Mughalpura Lahore.

12.1 ELECTRIC CONTROL PANEL DIMENSIONS

The Electrical Control Panel must be consisting of two boxes and each box has three doors as per following dimensions: -

Box No.1	=	Size: 956 mm x 1042 mm x 305 mm
Box No.2	=	Size: 956 mm x 1042 mm x 305 mm
Door No.1	=	Size: 962mm x 335 mm
Door No.2	=	Size: 962mm x 335 mm
Door No.3	=	Size: 962mm x 335 mm
Panel Color	=	Power Coated Grey
Thickness of Panel Sheet	=	2mm (without Electrostatic Paint)

12.2 The Devices / Components to be fitted on the Electrical Control Panel Door

S. No.	Description	Unit	Qty
1	Circuit breaker 20 Amp. 400 V. AC. 50 HZ three pole type C65n-C20-3P Merlin Gerin Schneider France or similar. IEC Standard.	EA	2
2	Circuit breaker 2 Amp. 240/415 C AC Two pole type C45N-D2P Merlin Gerin Schneider France or similar. IEC Standard.	EA	1
3	Circuit breaker 16-amp 2 pole (RCBO type)	EA	1
4	Circuit Breaker 3Amp Single pole make Merlin Gerin Schneider France or similar. IEC Standard.	EA	8
5	Circuit Breaker 16Amp Single make Merlin Gerin Schneider France or similar.	EA	1
6	Circuit Breaker 3Amp 3Pole make Merlin Gerin Schneider France or similar. IEC Standard.	EA	1
7	Universal switch (master control switch) 20Amp, 2500V AC, 24 Point, 8 Position, Type LW 12-16/HS 93.6 make SUZHOU or LW42A2-61250/LF8144 make "TAYEE" CHINA or similar.	EA	1
8	Temperature controller, Type R5TC-5RTM Make Kunming Rongying Industrial Co. Ltd China or equivalent. Dimension 96mm x 96mm x 112mm.	EA	1
9	AC indication light 2 pole. Round Shape. LED Type. Green Color. 220 volt AC. Type AD16-22D/g31 Shanghai china or similar. As per sample. IEC Standard.	EA	5
10	Volt meter AC. range 0 to 450Volt AC. size 3"x4" range. Type 44L1-VO. Make TAIFA China or similar. IEC Standard.	EA	1
11	Volt meter DC (0-75 Amp) size 2"x2 1/2". Make China or similar. IEC Standard.	EA	1
12	DC Ampere meter DC range 0 to 10 Amp + - DC. size 2"x2-1/2". make china or similar.	EA	1
13	Ampere meter AC. range 0 to 100Amp.size 3"x4". Type 44L1-A make TAIFA China or similar. IEC Standard.	EA	1
14	Commute Module. input 220V AC. output 48V DC. 300Watt. type HSU-450-220-48. Make JAPAN or similar. IEC Standard.	EA	2
15	Rotary change over switch 20Amp, 08 Point. 400V AC,4 positions, Make china or similar	EA	2
16	Rotary change over switch 20Amp, 06 Point. 400V AC,3 positions, Make china or similar	EA	1
17	Rotary change over switch 20Amp, 04 Point. 400V AC,2 positions, Make china or similar	EA	1
18	indication Block with 12 indication Red & Green 220V AC Make China	EA	1
19	Circuit breaker 16 Amp. 240/415 C AC Two pole type C45N-D2P Merlin Gerin Schneider France or similar. IEC Standard	EA	1
20	AC socket with plate 16Amp 220V AC.	EA	1
21	Electronic Bell Indicator with Bell Complete Controller 48V DC, indicate 9 Room. Make China As per Sample.		
22	Circuit Breaker 16Amp Single make Merlin Gerin Schneider France or similar.	EA	1

12.3 The Devices/Components to be fitted inside the Electrical Control Panel:

S. No.	Description	Unit	Qty
1	Magnetic contactor 50 Amp, 690 V AC, Coil voltage 220V AC, 3 pole with one auxiliary point N/O Type LC1D-D25 make Schneider France.	EA	4
2	Magnetic contactor 25 Amp, 690 V AC, Coil voltage 220V AC, 3 pole type LC1D-D09 make Schneider France.	EA	6
3	Magnetic contactor, 32 Amp. 690 V AC, Coil voltage 220V AC, 3 Pole type LC1D-D12 make Schneider France.	EA	6
4	Magnetic contactor. 40 Amp (DC). Coil voltage 48 V DC. 3 Pole. Type LC1-258 make Schneider France. Standard = IEC-60947. VDE-0660. Dimension 58 x 80 x 91mm ² .	EA	1
5	Circuit breaker 10 Amp. 400 V. AC. 50 HZ. 3 pole type C66N-D-3P 10A Merlin Gerin Schneider France or similar. IEC Standard.	EA	4
6	Circuit breaker 40 Amp. 400 V. AC. 50 HZ triple pole. Type C65N-3P-40C Merlin Gerin Schneider France or similar. IEC Standard.	EA	2
7	Circuit breaker 80 Amp. 400 V. AC. 50 HZ type NC100H-3P 80A make Merlin Gerin Schneider France or similar. IEC Standard.	EA	4
8	Circuit Breaker 6Amp 3Pole make Merlin Gerin Schneider France or similar. IEC Standard.	EA	1
9	MPCB/Thermal over load Relay with base range 12 to 18 Amp 600V AC Type TH-N20FS, Make "MITSUBISHI" Japan or similar	EA	4
10	MPCB/Thermal over load Relay range 1.6 Amp to 2.5 Amp 600V AC Type 3UA 59-40-1C. Make Siemens UK or similar. IEC Standard. Dimension 80mm x 45mm x 104mm	EA	4
11	MPCB /Thermal over load relay Range 5Amp to 8Amp type 3UA59 40-1H. Siemens UK or similar. IEC Standard. Dimension 80mm x 45mm x 104mm	EA	2
12	Auxiliary contact 4 pole (690 V 10A) LA1 DN22. Two-point N/O. Two-point N/C. Make Telemecanique France or similar. IEC Standard. Dimension 45mm x 48mm x 38mm.	EA	3
13	Temperature sensor with three core cable. Length 15 meter. Type E52-PT6FPT100 OMRON Japan or similar.	EA	1
14	Conversion relay 8-Pin. Type G4Q-212S. 220V AC OMRON Japan or similar. IEC Standard. Dimension 62mm x 70mm x 79mm.	EA	1
15	Over/under voltage relay 220-volt AC. 15-Pin. Type SDV-DH7. OMRON Japan E52-PT6FPT100 OMRON Japan or similar. IEC Standard. Dimension 71mm x 60mm x 96mm.	EA	1
16	Time relay (Timer) input 100-240 volts AC 50/60HZ complete with base Time range 0.1 sec to 60 Hours. contact rating 5Amp. 250 V AC MS4SA-AP Type Fuji/Japan or similar. IEC Standard. Dimension 70mm x 50mm x 80mm. or similar.	EA	6
17	Electronic Hour meter for compressor 220 V AC JSQ-4A/AC 220 V TIAZHOU CHINA or similar. As per sample.	EA	4
18	Midst relay auxiliary 11-Pin. 220 V AC. 10Amp. Type 3CO-3PTD make Finder china or similar. IEC Standard.	EA	4
19	Midst relay auxiliary 14-Pin. 220 V AC HH54P Make YONGDA china or similar. IEC Standard.	EA	8
20	Current transformer 100/5 Type LMZ1-make JIANGYIN China or	EA	1

	similar. IEC Standard.		
21	Fuse 2 Amp. Porcelain. Type RT18 (2) A. Make China or similar. IEC Standard.	EA	3
22	Fuse 4 Amp RT18(4) A Porcelain Make China or similar. IEC Standard.	EA	8
23	Fuse 6 Amp (Porcelain) size 38x10mm. Type RT18 (6) Make China or similar. IEC Standard.	EA	4
24	Fuse 16 Amp (Porcelain) size 38x10.3mm. Type RT18 (16) Make China or similar. IEC Standard.	EA	1
25	Fuse base 220-500V AC. 10-32Amp AC. single pole. Type NNE-32(32A). size 10.3x38mm sq. Make China or similar. IEC Standard.	EA	16
26	Exhaust fan for panel with cover size 5" 220V AC-50HZ 25Watt. Type 125 FZY2-S. Make China or similar. IEC Standard.	EA	2
27	Charging Module. input 220V AC output 56V DC 300W HSU-300-220-48. Make JAPAN or similar. IEC Standard.	EA	1
28	Cable tray PVC size 1-3/4"x 3-1/8" (Slotted) one length 10Feet. Make china or similar.	EA	3
29	Line up connector Twin size 2.5mm. Type ST2.5-TWIN Make PHOENIX CONTACT	EA	215
30	Line up connector Earth Twin size 2.5mm. Type ST2.5-TWIN Make PHOENIX CONTACT	EA	6
31	Line up connector size 4mm ² . PHOENIX CONTACT. As per sample.	EA	3
32	Line up connector size 6mm ² . PHOENIX CONTACT. As per sample.	EA	10
33	Line up connector 35mm, 1000V, 150Amp, Type UT-35 Make PHONIX CONTACT	EA	19
34	Line up connector EARTH 35mm, 1000V, 150Amp, Type UT-35 Make PHONIX CONTACT	EA	3
35	Magnetic contactor 1000V-250A. 3-Pole. Type LC1D-115. Make Telemecanique France or similar. Standard = IEC-60947. VDE-0660. Dimension 156mm x 120mm x 150mm.	EA	3
36	Auxiliary contact 04 Pole (4 N/O) model No LA 1 DN40 make Telemecanique	EA	4
37	Auxiliary contact 02 Pole (1 N/O & 1 N/C) model No LA 1 DN11 make Telemecanique	EA	6
38	Water Tank Level Controller 48V DC compatible with water level sensor	EA	1
39	Programmable Coach Controller for destination Board & internal indicator 48Volt DC, Make China, or similar.	EA	1
40	Midst relay auxiliary 14-Pin coil voltage 48V DC Make OMRON Japan or similar. IEC Standard.	EA	1
41	Electric Connector Plug & Socket. Male Female 26Pin (having wires length 10MTR and 30MTR) type P48K-26TY, Make YONGGUI China	SET	2
42	Circuit Breaker 6Amp 2Pole make Merlin Gerin Schneider France or similar. IEC Standard.	EA	1
43	Circuit Breaker 20Amp 3Pole make Merlin Gerin Schneider France or similar. IEC Standard.	EA	1

44	Electric Connector Plug & Socket. Male Female 20Pin (having wires length 10MTR and 30MTR) type P48K-20TY, Make YONGGUI China	SET	2
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13. BRANDS OF COMPONENTS INSTALLED IN ELECTRICAL CONTROL PANEL

Circuit Breaker, Magnetic contactors, overload Relays, etc. and other items should be of Japan, Germany, France, UK, USA origin, Chinese (same as fitted in the Package AC units of 175 Projects Chinese Coaches Projects) brands **or equivalent**.

14. SERVICE LIFE OF COMPONENTS

Service life of all components of HVAC unit & Electrical control panel should be minimum Fifteen (15) years.

15. CABLES

Flexible cables of Railway approved Brands or **equivalent** Chinese (same as fitted in the Package AC units of 175 Projects Chinese Coaches Projects) brands shall be used for the wiring of unit and control panel.

16. PAINTING

Electrostatic Powder Coated painting shall be done on the MS components and parts, Control Panel Boxes or any other parts where it is required.

17. ACCESSIBILITY FOR PACKAGE TYPE AC UNIT AND ELECTRICAL CONTROL PANEL

The package unit shall be accessible only from the roof top and shall have separate portions along with their top covers for compressor, condenser unit, evaporator / heating units. All the main components shall be assembled in such manner that these are easily approachable, removable and serviceable for repair and/or replacement according to the sample available with DEE/W office Mughalpura Lahore.

18. WEIGHT OF PACKAGE TYPE AC UNIT

The total weight of the package type unit after fitment of all the components and charging with refrigerant shall be approximately 680 kg for **Models KLD26PA manufactured by M/s Guangzhou Zhongche Railway Vehicles Equipment Joint-stock Co., Ltd China** or equivalent offered brand.

19. GUARANTEE/WARRANTY OF PACKAGE TYPE AC UNIT AND ELECTRICAL CONTROL PANEL

- a) The Bidders shall provide the warranty /guarantee certificate from the OEM of package type AC unit that equipment is brand new and genuine. The material/equipment shall be free from all defects in quality and workmanship.
- b) The Bidders shall furnish guarantee/warranty certificate for satisfactory working of the package type AC unit under conditions specified in the

foregoing clauses for a period of 30 months from the date of supply in Pakistan or 24 months from the date of commissioning.

- c) The supplier shall be responsible to repair/replace free of cost any part/parts, found defective under normal working conditions during the warranty period.
- d) Supplier shall make his own arrangement to keep a close liaison and devise his own monitoring system to watch the performance of the equipment during warranty period to avoid any confusion or complication.
- e) Railway reserves the right to claim and recover the loss due to design defects/faults of any part or assembly during the warranty period from the firm.

20. DRAWINGS AND TECHNICAL LITERATURE

- 20.1 The bidder shall provide the detailed technical literature/data and general assembly/lay out diagram of Package Type AC Units and Electrical Control Panel to be installed in AC Coaches, along with the bid.
- 20.2 The successful bidder shall visit the DEE/W Mughalpura, Lahore, to coordinate the proper design of the package type AC unit and to prepare, accordingly, the detailed Drawings indicating actual sizes of the Packaged Type AC unit and vital components of the Packaged Type AC unit (such as compressors, evaporators, evaporator blower fan assemblies, drip trays with connections (including flexible connections), condenser and condenser fan assembly, Capillary / Short Tube type Refrigerant control (including distributor / tubes), fresh air inlet and connections, air filters, including electrical circuit (Power & Control circuit diagrams) prior to manufacturing of Package type AC Unit and Electrical Control Panel for approval of Railway authorities.

The drawings shall be supported with necessary technical details and data like Refrigeration and electrical capacities, Condenser fan CFM, Return, supply and fresh air CFM, connections with recommended sizes and compressors, condenser and blower motors ratings and RPMs, etc. The evaporator coil face velocity shall be indicated and kept in standard limits to avoid moisture carry over through the ducts.

The successful bidder shall provide the following drawings in English language along with technical literature as mentioned in clause No.19 to

19.2. Layouts indicating all the major components and connections / sizes along with overall unit dimensions.

- a. Sectional drawings.
- b. Condenser Drawings.
- c. Evaporator Drawings.
- d. Electrical Power Wiring Diagrams.
- e. Electrical Control Panel Wiring Diagrams.
- f. Electrical Sequence diagrams and description.

21. TESTING

Manufacturer shall have adequate testing facilities for testing the various parameters of Roof Mounted Package Type Air-conditioning Units (PTACU) and Electrical Control Panel (ECP) such as:

- a. Cooling Capacities
- b. Air flows of supply, return, fresh and exhaust air.
- c. All components of Electrical Control Panels.
- d. Electric motor as per relevant BSS or IEC.
- e. Condenser fan air flow.

22. CONNECTOR / JACK

Both the AC Units and Electrical Control Panel shall have appropriate length of wires along with male/female connector/Jack for the parallel operation of both AC Units through Electric Control Panels. The size, length and arrangement of wires in male/female Connector/Jack of both units and electric control panel must be at PAR to Chinese Type AC Unit Model No. KLD26PA.

23. MANDATORY DOCUMENTS

The Manufacturer/Bidder must submit the following documents alongwith Technical Proposals:

- a) Complete name, designation, mailing address, telephone number and email of the bidder's focal person for correspondence of the tender.
- b) Particulars of the customer Railway, its focal person's mail and email address, fax and phone numbers.
- c) Year of manufacture / supply and the number supplied, customer wise.
- d) Verified / notarized copies of latest performance certificates from end user Railways shall be acceptable at the time of bid duly attested by respective Chamber/s of Commerce. Original copy / copies shall be required at the time of finalization of evaluation by technical / tender committee. Further to that the technical evaluation committee for the tender has full mandate to verify the performance record directly from

end user and from the respective Pakistan Embassy upto the entire satisfaction of PR.

Original Certificate of satisfactory performance with minimum two-year service from the end user / Senior management mentioning the capacity of AC Unit alongwith the name and email contract of the issuing person.

24. CLAUSE TO CLAUSE COMMENTARY

The Bidder is required to offer comments, Clause to Clause, either confirming acceptance of the Clause or elaborating in detail any deviations there from. The Bidder should be specific about deviations required by him for decision by P.R. The bidder's offer of AC Units must comply with PR specifications.

25. DISQUALIFICATION OF MANUFACTURER / BIDDER

The Manufacturer / bidder will be disqualified as under:-

- c) The firm will be disqualified, if it has Designed, manufactured & supplied the HVAC System, having capacity 12 Tons, less than 1000 Nos. for rolling stock.
- d) The firm will be disqualified, if it has Designed, manufactured & supplied the HVAC System, having capacity 12 Ton, less than 500 Nos. HVAC System / Units for rolling stock in similar condition.

26. INSPECTION/STAGE INSPECTION

It is the obligation of successful Contractor of Package type Air Conditioning Unit (PTACU) and Electrical Control Panel (ECP) to convey Pakistan Railways about the commencement of manufacturing process. The successful bidder will be bound to facilitate 02 Pakistan Railway representatives for two inspections.

- a) Visit during manufacturing (07 days)
- b) For testing the PTACU and ECP (07 days)

For imported Package type Air Conditioning unit (PTACU) and Electrical Control Panel (ECP), the contractor/supplier must arrange an inspection for 02 Pakistan Railway representatives of Chief Electrical Engineer at factory premises in abroad before shipment of material.

The contractor shall inform well in advance the readiness of the AC Unit for inspection. The Contractor shall assist to arrange VISA for the Officials mention above. All expenses of inspection including air-travel, travel within the country of manufacturing of AC Units, boarding, lodging, out of pocket expenses and

incidental charges of the inspectors deputed shall be borne by the contractor / manufacturer.

Note: The Dimensions of Roof mounted AC unit can not be altered, however the specification of components may vary according to the design of manufacturer to meet the requirement laid down in CEE specification mentioned above. The manufacturer/supplier shall certify/indemnify that the cooling/heating capacity of AC Units, in such case, will fully comply to CEE's Specification & overall AC Unit requirement.

27. WARRANTY CERTIFICATE

The Bidders shall provide the warranty certificate from the OEM of package type AC unit as under:

- i). “The Seller’s obligations under the warranties shall be limited to replacement DAP Carriage & Wagon Workshop, Mughalpura, Lahore (as the case may be) free of cost stores which at the time of receipt by the consignee or under normal use and maintenance prove defective in material/workmanship or fail to comply with the required performance in the normal course of service. The warranty shall be valid for a period of **24 months** from the date of receipt of material or **18 months** from the placement in service of complete unit, whichever is earlier.
- ii). The warranty will be covered against 10% Warranty Bond. The Warranty Bond will be submitted alongwith each consignment supply and will be valid for a period of 24 month from the date of supply. The Performance Bond will be released after completion of the Warranty period subject to settlement of warranty claims (if any) raised during the warranty period.

EVALUATION CRITERIA:

Sr. No.	Category	Weightage/Marks
1.	Relevant Experience and Past Performance	250
2.	Manufacturing/Supply of Similar Nature Work	250
3.	OEM of AC Unit	250
4.	Financial Position	100
5.	ISO Certification	150
Total:		1000

Note:- Minimum qualifying marks for Technical Suitability are 70%.

The further detailed criteria for each category may be developed as given under each head as follows:

1 Relevant Experience and Past Performance (Total Marks = 250)

S. No	Description	Marks
A	i. Design, manufacturing & supply of 3000 Nos. or above, HVAC System/ Units, having capacity 12 Ton or above for rolling stock.	250
	ii. Design, manufacturing & supply of less than 3000 but more than 2000 Nos. HVAC System/ Units, having capacity 12 Ton or above for rolling stock.	200
	iii. Design, manufacturing & supply of less than 2000 but upto 1000 Nos. HVAC System / Units, having capacity 12 Ton or above for rolling stock.	100
	iv. Design, manufacturing & supply of less than 1000 Nos. HVAC System / Units, having capacity 12 Ton or above for rolling stock.	Disqualified

2 Manufacturing/Supply of Similar Nature Work (Total Marks = 250)

S. No	Description	Marks
A	i. Design, manufacturing & supply of 1000 Nos. or above. HVAC System/ Units, having capacity 12 Ton or above for rolling stock in similar condition as mentioned in CEE's specification clause No.2.	250
	ii. Design, manufacturing & supply of less than 1000 Nos. but more than 700 Nos. HVAC System / Units, having capacity 12 Ton or above for rolling stock in similar condition as mentioned in CEE's specification clause No.2.	200
	iii. Design, manufacturing & supply of less than 700 Nos. but upto 500 Nos. HVAC System / Units, having capacity 12 Ton or above for rolling stock in similar condition as mentioned in CEE's specification clause No.2.	100
	iv. Design, manufacturing & supply of less than 500 Nos. HVAC System/Units, having capacity 12 Ton as mentioned in specifications or above for rolling stock in similar condition as mentioned in CEE's specification clause No.2.	Disqualified

Note: (Clause 1 & 2)

The marks will be awarded on the basis of the documentary evidence submitted by the firm alongwith Technical Bid. The bidder must submit attested copy of contract and of the end user / train operator satisfactory performance report of the supplied Units alongwith manufacturer profile showing manufacturing capabilities.

3. OEM of AC Unit (Total Marks = 250)

S. No.	Description	Marks
1	i. The bidder is OEM of the AC Units supplied by M/s Guangzhou Zhongche Railway Vehicles Equipment Joint-stock Co., Ltd China under Contract Agreement No. PR/2001/175 Carriage dated 08.11.2001 of Pakistan Railways.	250
	ii. The bidder is not OEM of the AC Unit but Renowned Manufacturer of the AC Units / HVAC System.	200
	iii. The bidder is not OEM of the AC Unit nor Renowned Manufacturer of the AC Units / HVAC System.	0

Note:

The marks will be awarded on the basis of documentary evidence submitted by the bidder alongwith Technical bid. The bidder must submit company profile and references of completed projects.

4. FINANCIAL POSITION (Total Marks = 100)

Average Annual Turnover	Marks
Morethan100Million USD (or equivalent)	100
Lessthan100 Million but upto 75 Million USD(or equivalent)	80
Less than 75 Million but upto50Million USD(or equivalent)	50
For average turnover of last 3 years less than 50 Million USD(or equivalent).	0 Marks

Note:

The marks will be awarded on the basis of documentary evidence submitted by the bidder alongwith Technical bid. The bidder must submit account balance of the manufacturer for last 03 years showing the average turnover for each year. The bidder must submit the annual audit report for last 03 years showing the average turnover is such report has been prepared.

5. ISO CERTIFICATION(Total Marks = 150)

S. No.	Description	Marks
1	ISO CERTIFICATION	80 Marks
2	UIC/EN/TB Certificate in HVAC System	70 Marks

Note:-

The marks will be awarded on the basis of documentary evidence submitted by the bidder alongwith Technical bid. The bidder must submit attested copies of Registration.

Annexure-A

**MANDATORY LIST OF SPARE PARTS WITH COUNTRY OF ORIGIN,
MANUFACTURER, BRAND & UNIT PRICE**

S. No.	Description	Unit	Qty Required
1	Compressors	EA	30
2	Condenser coil assembly	EA	15
3	Evaporator coil assembly	EA	15
4	Condenser fan Motor	EA	20
5	Blower motors	EA	20
6	Electric heater assembly	EA	30
7	Electric heater protection Device	EA	20
8	Refrigerant control capillary tube type	EA	25
9	Refrigerant R-407c cylinder (13.6 Kg)	EA	50
10	Filter drier	EA	25
11	Low pressure switch type	EA	25
12	High pressure switch type	EA	25
13	Magnetic Contactors of all sorts	EA	25
14	Universal switch (master control switch)	EA	25
15	Temperature Controller	EA	25
16	Circuit breakers of all sorts	EA	50
17	Motor protection circuit breaker (MPCB) / Thermal overload relays of all sorts.	EA	30
18	Temperature sensor	EA	30
19	Current transformer	EA	25
20	Electric Connector Plug & Socket, Male & Female for Control Circuit of electric control panel	SET	20
21	Electric Connector Plug & Socket. Male & Female for Power circuit of electric control panel	SET	20
22	Fresh air adjustment damper motor complete with assembly 220 v AC	EA	10
23	Anti-vibration mounting for roof mounted AC unit	EA	200
24	Overhauling Bench for the ACUs	EA	01
25	Test Bench for Testing of complete AC Unit (Cooling & Heating) European Origin preferred	EA	01

Section-VI

B. STANDARD FORMS

Table of Forms

Letter of Bid – Technical Proposal

Letter of Bid - Financial Proposal

Bidder Information Form

Bidder's JV Members Information Form

Price Schedule: Goods Manufactured Outside Pakistan, to be Imported

Price Schedule: Goods Manufactured Outside Pakistan, already imported

Price Schedule: Goods Manufactured in Pakistan

Price and Completion Schedule - Related Services

Form of Bid Security

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 PRICED BILL OF QUANTITIES

Cost in US\$/Euro/Bidder's Home Currency

Item No.	Description of Material	Quantity	Unit Price (US\$)		Total Value in (US\$)		Commission of Local Agent if any to be paid by Purchaser in US\$ but payable in Pak Rupees to be quoted separately over & above Cols:6 & 7.	Delivery Period	
			FOB Port of embarkation	CFR (Landed) Karachi Value	FOB Port of embarkation	CFR (Landed) Karachi Value		Shipment Schedule	Completion
1	2	3	4	5	6	7	8	9	10

1.	Supply, Installation, Testing and Commissioning of Package Type Roof Mounted AC Plant, Capacity 130200 BTUs/Hour, Complete Unit with Control Panel as per CEE's specifications No.PR/CHNS-PTACU/2024 (Section – V).	102 Nos.
2.	Spare parts as per Annexure-A of the Technical Specifications (Optional but rates must be quoted).	Lot
3.	Supervision for Maintenance & Operation for two years (Free of Cost).	

Note:

- i. This Price Schedule must be completely filled in without any ambiguity and without referring to any other sheet of tender, failing which the offer shall not be considered
- ii. Both FOB & CFR prices shall be firm and final
- iii. Each sheet of BOQ will be sealed & signed.
- iv. Delivery CFR landed Karachi/Pakistan strictly in accordance with incoterm
- v. This Price schedule is summary and details are to be quoted wherever mentioned in the tender.

Signature of Tenderer _____
 Full Name _____
 Seal of Firm _____

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.

[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]*¹ *[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)

(Signature)
(Printed name and title)

(Signature)
(Printed name and title)

¹ 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.]

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

			i)	“Delivery” means the transfer of the goods from the supplier equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring Agency under Contract.
			j)	“Effective Contract date” is the date shown in the Certificate of Contract Commencement issued by the Procuring Agency upon fulfillment of the conditions precedent stipulated in GCC Clause 3
			k)	“Procuring Agency” means the person named as Procuring Agency in the SCC and the legal successors in title to this person, procuring the Goods and related service, as named in SCC .
			l)	“Related Services” 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)	“GCC” means the General Conditions of Contract contained in this section.
			n)	“Intended Delivery Date” is the date on which it is intended that the Supplier shall effect delivery as specified in the SCC .
			o)	“SCC” means the Special Conditions of Contract.
			p)	“Supplier” means the individual private or government entity or a combination of the above whose Bid to perform the contract has been accepted by the 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 SCC .

			q)	“Project Name” means the name of the project stated in SCC .
			r)	“Day” means calendar day.
			s)	“Eligible Country” means the countries and territories eligible for participation in accordance with the policies of the Federal Government.
			t)	“End User” means the organization(s) where the goods will be used, as named in the SCC .
			u)	“Origin” means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics or in purpose or utility from its components.
			v)	<p>“Force Majeure” means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party’s performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.</p> <p>For the purposes of this Contract, “Force Majeure” means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, 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.</p>

			w)	“Specification” 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.
2.	Application and interpretation	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.	Conditions Precedent	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 waived 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.	Governing Language	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 GCC Clause 3.1 , the version of the Contract written in the specified language shall govern its interpretation.
5.	Applicable Law	5.1	The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.
6.	Country of Origin	6.1	The origin of Goods and Services may be distinct from the nationality of the Supplier.
7.	Standards	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.	Use of Contract Documents and Information; Inspection and Audit by the Government of Pakistan	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 GCC Clause 7.1 except for purposes of performing the Contract.
		8.3	Any document, other than the Contract itself, enumerated in GCC Clause 7.1 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	Patent and Copy Rights	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.	Performance Security (or Guarantee)	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 SCC .
		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 SCC .
11.	Inspections and Test	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. SCC 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 GCC Clause 10 shall in any way release the supplier from any warranty or other obligations under this Contract.
12.	Packing	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 SCC , and in any subsequent instructions ordered by the Procuring Agency.

13.	Delivery and Documents	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 SCC.
		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 SCC.
14.	Insurance	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 SCC.
15.	Transportation	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 cost shall be included in the Contract Price.
16.	Related Services	16.1	<p>The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:</p> <ul style="list-style-type: none"> a) Performance or supervision of on-site assembly, Installation Commissioning and/or start-up of the supplied Goods; b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods; c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; 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 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
		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.	Spare Parts	17.1	<p>As specified in SCC, 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"> 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 b) In the event of termination of production of the spare parts:

			<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.	Warranty/ Defect Liability Period	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 SCC 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 SCC after the date of shipment from the port or place of loading in the source country, +whichever period concludes earlier, unless specified otherwise in SCC.
		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 SCC 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.	Payment	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.	Prices	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 GCC Clause 28 , 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 GCC Clause 26 , unless an extension of time is agreed upon pursuant to GCC Clause 25.2 without the application of liquidated damages.

26	Liquidated Damages	26.1	Subject to GCC Clause 28 , 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 SCC 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 SCC . Once the said maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 27 .
27.	Termination for Default	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"> a) the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 25; or b) the Supplier fails to perform any other obligation(s) under the Contract; c) Supplier's failure to submit performance security (or guarantee) within the time stipulated in the SCC; d) the supplier has abandoned or repudiated the contract; e) the Procuring Agency or the Supplier is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation; f) a payment is not paid by the Procuring Agency to the Supplier after 84 days from the due date for payment;

			<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: “Corrupt and Fraudulent Practice” 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 GCC Clause 27.1, 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.	Termination for Force Majeure	28.1	<p>Notwithstanding the provisions of GCC Clauses 25, 26, and 27, neither Party shall have any liability or be deemed to be in breach of the Contract for any delay nor is other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure.</p> <p>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.</p>

		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.	Termination for Insolvency	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.	Termination for Convenience	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	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: <ul style="list-style-type: none"> a) To have any portion completed and delivered at the Contract terms and prices; and / or 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.

31.	Dispute Resolution	31.1	In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute amicably. The parties hereto shall, within twenty-eight (28) days from the notice date, use their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by either party to an arbitrator that shall be appointed by mutual consent of the both parties.
		31.2	After the dispute has been referred to the arbitrator, within 30 days, or within such other period as may be proposed by the Parties, the Arbitrator shall give its decision. The rendered decision shall be binding to the Parties.
32.	Procedure for Disputes Resolution	32.1	The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution named and in the place shown in the SCC .
		32.2	The rate of the Arbitrator's fee and administrative costs of arbitration shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting arbitration to its finality each party shall bear its incurred costs and expenses.
		32.3	The arbitration shall be conducted in accordance with place shown in the SCC .
33.	Replacement of Arbitrator	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.	Limitation of Liability	34.1	<p>Except in cases of criminal negligence or willful conduct, and in the case of infringement pursuant to GCC Clause 8,</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.	Notices	35.1	<p>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 SCC.</p>
		35.2	<p>A notice shall be effective when delivered or on the notice's effective date, whichever is later.</p>
36.	Taxes and Duties	36.1	<p>A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside Pakistan.</p>
		36.2	<p>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.</p>

		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.
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**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
		Definitions (GCC 1)
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 Package Type Roof Mounted AC Plant for Chinese AC Business Coaches
3-A.	1.1(t)	“End User” or the Engineer means: Chief Electrical Engineer, Pakistan Railway, Headquarters Office, Lahore, Pakistan, Tel: 0092-42-99201690
		Conditions Precedents (GCC 3)
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.
		Governing Language (GCC 4)
4.	4.1	The Governing Language shall be: English
		Applicable Law (GCC 5)
5.	5.1	The Applicable Law shall be: Laws of the Islamic Republic of

	Country of Origin (GCC 6)	
6.	6.1	Country of Origin is <i>[To be inserted at the time of award of</i>
	Performance Security (or guarantee) (GCC 10)	
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"> 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. 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.
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.
	Inspections and Tests (GCC 11)	
9.	11.1	Inspection and tests prior to shipment of Goods and at final acceptance are as contained in the Technical Specifications.

	Packing (GCC Clause 12)	
10.	12.2	<p>The following SCC shall supplement GCC Clause 12.2:</p> <ul style="list-style-type: none"> 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. ii. The Seller shall ensure that Goods are packed and shipped strictly in accordance with the packing list/invoices provided to the Purchaser. 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. iv. The Seller shall ensure that Packing Markings have been clearly and legibly listed on self-adhesive paper labels on each package. v. Against each shipment, the Seller shall provide a certificate of country of origin for the Goods being shipped.
	Delivery and Documents (GCC Clause 13)	
11.	13.1	<p>The clause is deleted and replaced with the following:</p> <ul style="list-style-type: none"> e) <u>Shipping Method</u> <ul style="list-style-type: none"> i. Partial shipment shall be allowed but trans-shipment shall not be allowed. ii. The Goods shall be shipped FOB from Country of Origin specified in the Contract within Delivery Schedule mentioned in the Contract. 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). 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. f) <u>Shipping Carrier</u> <ul style="list-style-type: none"> i. The shipment of the Goods shall be arranged through PNSC on Purchaser's account. 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. 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.

		<p>g) <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 Inspection Officer(s) (3copies)</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 Purchaser acknowledging receipt of such Warranty Bond (3 copies)</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.
	Insurance (GCC Clause 14)	
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>

	Related Services (GCC Clause 16)	
14.	16.1	Related services to be provided are as contained in the Scope of Work of the Technical Specifications.
	Spare Parts (GCC Clause 17)	
15.	17.1	Additional spare parts requirements are as contained in Annexure-A of the Technical Specifications.
	Warranty (GCC Clause 18)	
16.	18.2	<p>In partial modification of the provisions, the warranty period and obligations will be as per clause No. 27 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 style="text-align: center;">(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> <ol style="list-style-type: none"> 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. 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. 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.
Payment (GCC Clause 19)		
18.	19.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <ol style="list-style-type: none"> a) <u>Purchaser Letter of Credit</u> <ol style="list-style-type: none"> i. The Purchaser shall open the Purchaser Letter of Credit in favour of the Seller as soon as possible after the Signing Date. 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. 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.

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 “Interim Payment”).</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>“Payment Documents” 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.
	Prices (GCC 20)	
20.	20.1	Prices shall be firm and final and adjustment is not permissible.
	Liquidated Damages (GCC Clause 26)	
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>

Procedure for Dispute Resolution (GCC Clause 32)		
21-A	32.1	<p>The Clause is modified as below:</p> <ol style="list-style-type: none"> 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. 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. 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. 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. v. The language of arbitration shall be English. vi. The performance of this Contract shall, if reasonably possible, continue during arbitration and no payments payable, unless disputed, be withheld. vii. The Parties shall be bound by the award of the arbitrators. 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.
23.	32.3	The seat of arbitration shall be Lahore.

Notices (GCC Clause 35)		
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: dirproc@yahoo.com</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.

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:

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

[name of bank or financial institution]

[address]

[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 times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

[Buyer]

Seller/Supplier

HBL

HABIB BANK حبیب بینک

Empress Road

Deposit Slip Customer Copy

Branch: A Block Branch Pak Sectt, Islamabad Date: 15/11/2024

Account Title: اکاؤنٹ ہولڈر کا نام PIRA

IBAN: PK HAB B 00 04540013100701

Currency: PKR USD EURO GBP JPY Others Intercity Within city Same Branch

Credit Card No. _____

CASH نقد

BANK / BRANCH	CHEQUE/INSTRUMENT NO. چیک نمبر	AMOUNT
		15000/-
		15000/-

TOTAL AMOUNT کل رقم

Total Amount in Words: Fifteen Thousand only

Commission (if any) _____

Depositor's Name Ali Shehid

Contact No. 0333-11806774

Depositor's CNIC No. 35404-6170067-1
(For non-HBL/Walk-in Customers. Also attach CNIC Copy)

Depositor's Account No. _____
(For HBL Customers / Account Holders)

Received By: وصول کنندہ Depositor's Signature دستخط مبلغ کنندہ

Online Cash Deposit
Branch: 1315-Empress Road Lahore
Account: PUBLIC PROCUREM Date' 2024-11-15
IBAN PK17HABB0004540013100701
Amount *****15,000.00 PKR
Charges *****580.00
Teller FG70 51 Time 10:48:48.480000

(As per Terms & Conditions on reverse) (Not official unless validated)

18110810