

Bidding Document

For

INTEGRATION/UPGRADING OF MOTOR VEHICLE TAX COLLECTION.

**ECISE, TAXATION & NARCOTICS
DEPARTMENT
GOVERNMENT OF SINDH**

PART ONE (FIXED)

- Instructions to Bidders (ITB)
- General Conditions of Contract (GCC)

RECEIPT

Issued to M/s. _____

Rs. _____ (Non-Refundable Non-Transferable)

Pay order / Demand Draft No. _____ Date _____

SECTION OFFICER (General)
Excise, Taxation & Narcotics Department
Government of Sindh

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Instructions to Bidders

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Instructions to Bidders

A. Introduction

1. Source of Funds

1.1 The Procuring agency has received / applied for loan / grant federal / provincial / local government funds from the source(s) indicated in the bidding data in various currencies towards the cost of the project / schemes specified in the bidding data and it is intended that part of the proceeds of this loan/grant/funds/ will be applied to eligible payments under the contract for which these bidding documents are issued.

1.2 Payment by the Fund will be made only at the request of the Procuring agency and upon approval by the Government of Sindh, and in case of a project will be subject in all respect to the terms and conditions of the agreement. The Project Agreement prohibits a withdrawal from the allocated fund account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Federal Government/ Sindh Government, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Procuring agency shall derive any rights from the Project Agreement or have any claim to the allocated fund proceeds.

2. Eligible Bidders

2.1 This Invitation for Bids is open to all suppliers from eligible source as defined in the SPP Rules, 2010 and its Bidding Documents except as provided hereinafter.

2.2 Bidders should not be 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.

2.3 Government-owned enterprises in the Province of Sindh may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Government of Sindh.

2.4 Bidders shall not be eligible to bid if they are under a declaration of ineligibility for corrupt and fraudulent practices issued by the any government organization in accordance with sub clause 34.1

3. Eligible Goods and Services

3.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, defined in the SPP Rules 2010 and its Bidding Documents, and all expenditures made under the contract will be limited to such goods and services.

3.2 For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

3.3 The origin of goods and services is distinct from the nationality of the Bidder.

4. Cost of Bidding

4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring agency named in the Bid Data Sheet, hereinafter referred to as “the Procuring agency,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

5. Content of Bidding Documents

B. The Bidding Documents

5.1 the bidding documents include:

- (a) Instructions to Bidders (ITB)
- (b) Bid Data Sheet
- (c) General Conditions of Contract (GCC)
- (d) Special Conditions of Contract (SCC)
- (e) Schedule of Requirements
- (f) Technical Specifications
- (g) Bid Form and Price Schedules
- (h) Bid Security Form
- (i) Contract Form
- (j) Performance Security Form
- (k) Manufacturer’s Authorization Form

5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in the rejection of its bid.

6. Clarification of Bidding Documents

7. Amendment of Bidding Documents

6.1 A interested Bidder requiring any clarification of the bidding documents may notify the Procuring agency in writing. The Procuring agency will respond in writing to any request for clarification of the bidding documents which it receives no later than three working days prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the Procuring agency's response (including an explanation of the query but without identifying the source of inquiry) will be sent to all interested bidders that have received the bidding documents.

7.1 At any time prior to 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 interested Bidder, may modify the bidding documents by amendment.

8. Language of Bid

7.2 All interested bidders that have received the bidding documents will be notified of the amendment in writing, and will be binding on them.

7.3 In order to allow interested bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring agency, at its discretion, may extend the deadline for the submission of bids.

9. Documents Comprising the Bid

C. Preparation of Bids

8.1 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 language specified in the Bid Data Sheet. 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 passages in the language specified in the Bid Data Sheet, in which case, for purposes of interpretation of the Bid, the translation shall govern.

9.1 The bid prepared by the Bidder shall comprise the following components:

- (a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12;
- (b) documentary evidence established in accordance with ITB

Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;

(c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and

(d) bid security furnished in accordance with ITB Clause 15.

10. Bid Form

10.1 The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

11. Bid Prices

11.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract.

11.2 Prices indicated on the Price Schedule shall be delivered duty paid (DDP) prices. The price of other (incidental) services, if any, listed in the Bid Data Sheet will be entered separately.

11.3 The Bidder's separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Procuring agency and will not in any way limit the Procuring agency's right to contract on any of the terms offered.

11.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as nonresponsive and will be rejected, pursuant to ITB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.

12. Bid Currencies

12.1 Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet.

**13. Documents
Establishing
Bidder's
Eligibility and
Qualification**

13.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications 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 Procuring agency's satisfaction that the Bidder, at the time of submission of its bid, is from an eligible country as defined under ITB Clause 2.

13.3 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Procuring agency's satisfaction:

(a) that, in the case of a Bidder offering to supply 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 supply the goods in the Procuring agency's country;

(b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;

(c) that, in the case of a Bidder not doing business within the Procuring agency's country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country 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; and

(d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

**14. Documents
Establishing Goods'
Eligibility and
Conformity to
Bidding Documents**

14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.

14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.

14.3 The documentary evidence of conformity of the goods and 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 and performance characteristics of the goods;

(b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Procuring agency; and

(c) an item-by-item commentary on the Procuring agency's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

14.4 For purposes of the commentary to be furnished pursuant to ITB Clause 14.3(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.

15. Bid Security

15.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security in the amount specified in the Bid Data Sheet.

15.2 The bid security is required to protect the Procuring agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 15.7.

15.3 The bid security shall be in Pak. Rupees and shall be in one of the following forms:

(a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency and valid for ninety (90) days beyond the validity of the bid; or

(b) irrevocable encashable on-demand Bank call-deposit.

15.4 Any bid not secured in accordance with ITB Clauses 15.1 and 15.3 will be rejected by the Procuring agency as nonresponsive, pursuant to ITB Clause 24.

15.5 Unsuccessful bidders' bid security will be discharged or returned as promptly as possible but not later than thirty (30) days after the expiration of the period of bid validity prescribed by the Procuring agency pursuant to ITB Clause 16.

15.6 The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 32, and furnishing the performance security, pursuant to ITB Clause 33.

15.7 The bid security may be forfeited:

(a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or

(b) in the case of a successful Bidder, if the Bidder fails:

(i) to sign the contract in accordance with ITB Clause 32; **or**

(ii) to furnish performance security in accordance with

ITB Clause 33.

16. Period of Validity of Bids

16.1 Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Procuring agency, pursuant to ITB Clause 19. A bid valid for a shorter period shall be rejected by the Procuring agency as nonresponsive.

16.2 In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security provided under ITB Clause 15 shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in the bidding document.

17. Format and Signing of Bid

17.1 The Bidder shall prepare an original copy of the bid indicated in the Bid Data Sheet, clearly marked "ORIGINAL BID" as appropriate.

17.2 The original copy 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 bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

17.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

D. Submission of Bids

18. Sealing and Marking of Bids

18.1 The Bidder shall seal the original bid in separate envelopes, duly marking the envelopes as "ORIGINAL". The envelopes shall then be sealed in an outer envelope.

18.2 The inner and outer envelopes shall:

(a) be addressed to the Procuring agency at the address given in the Bid Data Sheet; and

(b) bear the Project name indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: "DO NOT OPEN BEFORE," to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.2.

18.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late".

18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Procuring agency will assume no responsibility for the bid's misplacement or premature opening.

19. Deadline for Submission of Bids

19.1 Bids must be received by the Procuring agency at the address specified under ITB Clause 18.2 no later than the time and date specified in the Bid Data Sheet.

19.2 The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

20. Late Bids

20.1 Any bid received by the Procuring agency after the deadline for submission of bids prescribed by the Procuring agency pursuant to ITB Clause 19 will be rejected and returned unopened to the Bidder.

21. Modification and Withdrawal of Bids

21.1 The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.

21.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. by a signed confirmation copy, postmarked not later than the deadline for submission of bids.

21.3 No bid may be modified after the deadline for submission of bids.

21.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security, pursuant to the ITB Clause 15.7.

E. Opening and Evaluation of Bids

22. Opening of Bids by the Procuring agency

22.1 The Procuring agency will open all bids in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register evidencing their attendance.

22.2 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Procuring agency, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.

22.3 Bids (and modifications sent pursuant to ITB Clause 21.2) that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances. Withdrawn bids will be returned unopened to the bidders.

22.4 The Procuring agency will prepare minutes of the bid opening.

23. Clarification of Bids

23.1 During evaluation of the bids, the Procuring agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.

24. Preliminary Examination

24.1 The Procuring agency will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

24.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.

24.3 The Procuring agency may waive 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.

24.4 Prior to the detailed evaluation, pursuant to ITB Clause 25 the Procuring agency will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning Bid Security (ITB Clause 15), Applicable Law (GCC Clause 30), and Taxes and Duties (GCC Clause 32), will be deemed to be a material deviation. The Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

25.Evaluation and Comparison of Bids

24.5 If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

25.1 The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive, pursuant to ITB Clause 24.

25.2 The Procuring agency's evaluation of a bid will be on delivered duty paid (DDP) price inclusive of prevailing duties and will exclude any allowance for price adjustment during the period of execution of the contract, if provided in the bid.

25.3 The Procuring agency's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with ITB Clause 11.2, one or more of the following factors as specified in the Bid Data Sheet, and quantified in ITB Clause 25.4:

- (a) incidental costs
- (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 Procuring agency 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 Bid Data Sheet and/or in the Technical Specifications.

25.4 For factors retained in the Bid Data Sheet pursuant to ITB 25.3, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:

- (a) Incidental costs provided by the bidder will be added by Procuring agency to the delivered duty paid (DDP) price at the final destination.

(b) *Delivery schedule.*

(i) The Procuring agency requires that the goods under the Invitation for Bids shall be delivered at the time specified in the Schedule of Requirements which will be treated as the base, a delivery “adjustment” will be calculated for bids by applying a percentage, specified in the Bid Data Sheet, of the DDP 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.

or (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 nonresponsive. Within this acceptable range, an adjustment per week, as specified in the Bid Data Sheet, 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.

or (iii) The goods covered under this invitation are required to be delivered 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 Bid Data Sheet, of DDP price per week of variation from the specified delivery schedule.

(c) *Deviation in payment schedule.*

(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.

or (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 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 Bid Data Sheet.

(d) *Cost of spare parts.*

(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 Bid Data Sheet, 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.

or

(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 Bid Data Sheet. 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.

or

(iii) The Procuring agency will estimate the cost of spare parts usage in the initial period of operation specified in the Bid Data Sheet, based on information furnished by each Bidder, as well as on past experience of the Procuring agency or other procuring agencies in similar situations. Such costs shall be added to the bid price for evaluation.

(e) *Spare parts and after sales service facilities in the Procuring agency's country.*

The cost to the Procuring agency of establishing the minimum service facilities and parts inventories, as outlined in the Bid Data Sheet or elsewhere in the bidding documents, if quoted separately, shall be added to the bid price.

(f) *Operating and maintenance costs.*

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 Bid Data Sheet or in the Technical Specifications.

(g) *Performance and productivity of the equipment.*

(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 specified in the Bid Data Sheet 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 Bid Data Sheet or in the Technical Specifications.

or

(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 Bid Data Sheet or in the Technical Specifications.

(h) *Specific additional criteria indicated in the Bid Data Sheet and/or in the Technical Specifications.*

The relevant evaluation method shall be detailed in the Bid Data Sheet and/or in the Technical Specifications.

Alternative

25.4 Merit Point System:

The following merit point system for weighing evaluation factors can be applied if none of the evaluation methods listed in 25.4 above has been retained in the Bid Data Sheet. The number of points allocated to each factor shall be specified in the Bid Data Sheet.

[In the Bid Data Sheet, choose from the range of]

Evaluated price of the goods	60 to 90
Cost of common list spare parts	0 to 20
Technical features, and maintenance and operating costs	0 to 20
Availability of service and spare parts	0 to 20
Standardization	0 to 20
Total	100

The bid scoring the highest number of points will be deemed to be the lowest evaluated bid.

26. Contacting the Procuring agency

26.1 Subject to ITB Clause 23, no Bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.

26.2 Any effort by a Bidder to influence the Procuring agency in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.

F. Award of Contract

27. Post-qualification

27.1 In the absence of prequalification, the Procuring agency will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.3.

27.2 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 Clause 13.3, as well as such other information as the Procuring agency deems necessary and appropriate.

27.3 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 lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

28. Award Criteria

28.1 Subject to ITB Clause 30, the Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is

determined to be qualified to perform the contract satisfactorily.

29. Procuring agency's Right to Vary Quantities at Time of Award

29.1 The Procuring agency reserves the right at the time of contract award to increase or decrease, by the percentage indicated in the Bid Data Sheet, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

30. Procuring agency's Right to Accept any Bid and to Reject any or All Bids

30.1 The Procuring agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Procuring agency's action.

31. Notification of Award

31.1 Prior to the expiration of the period of bid validity, the Procuring agency will notify the successful Bidder in writing by registered letter or by cable, to be confirmed in writing by registered letter, that its bid has been accepted.

31.2 The notification of award will constitute the formation of the Contract.

31.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 33, the Procuring agency will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 15.

32. Signing of Contract

32.1 At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.

32.2 Within thirty (30) days of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Procuring agency.

33 Performance Security

33.1 Within twenty (20) days of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency.

33.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 32 or ITB Clause 33.1 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 lowest evaluated Bidder or call for new bids.

34. Corrupt or Fraudulent Practices

34.1 The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2010 and Rules made thereunder:

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

(i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring agency of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

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

34.2 Furthermore, Bidders shall be aware of the provision stated in sub-clause 5.4 and sub-clause 24.1 of the General Conditions of Contract.

Part One - Section II.

General Conditions of Contract

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General Conditions of Contract

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

(a) “The Contract” means the agreement entered into between 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.

(b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.

(c) “The Goods” means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring agency under the Contract.

(d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.

(e) “GCC” means the General Conditions of Contract contained in this section.

(f) “SCC” means the Special Conditions of Contract.

(g) “The Procuring agency” means the organization purchasing the Goods, as named in SCC.

(h) “The Procuring agency’s country” is the country named in SCC.

(i) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract.

(j) “The Project Site,” where applicable, means the place or places named in SCC.

(k) “Day” means calendar day.

2. Application 2.1 These General Conditions shall apply to the extent that they are

not superseded by provisions of other parts of the Contract.

3. Country of Origin

- 3.1 All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules and further elaborated in the SCC.
- 3.2 For purposes of this Clause, “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 product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.

4. The Goods

4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods’ country of origin. Such standards shall be the latest issued by the concerned institution.

5. Use of Contract Documents and Information; Inspection and Audit by the Government

5.1 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 so far as may be necessary for purposes of such performance.

5.2 The Supplier shall not, without the Procuring agency’s prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.

5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 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.

5.4 The Supplier shall permit the Procuring agency 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 procuring agency, if so required.

6. Patent Rights

6.1 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 the Procuring agency's country.

7. Performance Security

7.1 Within twenty (20) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.

7.2 The proceeds of the performance security 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.

7.3 The performance security shall be denominated in the currency of the Contract acceptable to the Procuring agency and shall be in one of the following forms:

(a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency; or

(b) a cashier's or certified check.

7.4 The performance security 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 specified otherwise in SCC.

8. Inspections and Tests

8.1 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 requires and where they are to be conducted. The Procuring agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

8.2 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.

8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.

8.4 The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring agency's country shall in no way be limited or waived 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.

8.5 Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. Packing

9.1 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.

9.2 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.

10. Delivery and Documents

10.1 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 are specified in SCC.

10.2 Documents to be submitted by the Supplier are specified in SCC.

11. Insurance 11.1 The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility.

12. Transportation 12.1 The Supplier is required under the Contact to transport the Goods to a specified place of destination within the Procuring agency's country, transport to such place of destination in the Procuring agency's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.

13. Incidental Services 13.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) performance or supervision of on-site assembly 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.

13.2 Prices charged by the Supplier for incidental 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 for other parties by the Supplier for similar services.

14. Spare Parts 14.1 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:

(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:

(i) advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements; and

(ii) following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1 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's 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 the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months 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.

15.3 The Procuring agency shall promptly notify the Supplier in writing of any claims arising under this warranty.

15.4 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.

15.5 If the Supplier, having been notified, fails to remedy the defect(s)

within the period specified in SCC, within a reasonable period, 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.

16. Payment

16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.

16.2 The Supplier's request(s) for payment shall be made to the Procuring agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.

16.3 Payments shall be made promptly by the Procuring agency, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier.

16.4 The currency of payment is Pak. Rupees.

17. Prices

17.1 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.

18. Change Orders

18.1 The Procuring agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring agency;
- (b) the method of shipment or packing;
- (c) the place of delivery; and/or
- (d) the Services to be provided by the Supplier.

18.2 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's change order.

19. Contract Amendments

19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

20. Assignment

20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring agency's prior written consent.

21. Subcontracts

21.1 The Supplier shall notify the Procuring agency in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

21.2 Subcontracts must comply with the provisions of GCC Clause 3.

22. Delays in the Supplier's Performance

22.1 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.

22.2 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 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.

22.3 Except as provided under GCC Clause 25, 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 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.

23. Liquidated

23.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or

Damages

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 percentage specified in SCC. Once the maximum is reached, the Procuring agency may consider termination of the Contract pursuant to GCC Clause 24.

24. Termination for Default

24.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:

- (a) if 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 22; or
- (b) if the Supplier fails to perform any other obligation(s) under the Contract.
- (c) if the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

“corrupt practice” means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.

“fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

24.2 In the event the Procuring agency terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, 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.

25. Force Majeure

25.1 Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

25.2 For purposes of this clause, “Force Majeure” means an event beyond the control of the Supplier and not involving the Supplier’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

25.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency in writing, 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.

26. Termination for Insolvency

26.1 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.

27. Termination for Convenience

27.1 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 extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

27.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier’s receipt of notice of termination shall be accepted by the Procuring agency at the

Contract terms and prices. For the remaining Goods, the Procuring agency may elect:

(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.

28. Resolution of Disputes

28.1 The Procuring agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

28.2 If, after thirty (30) days from the commencement of such informal negotiations, the Procuring agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed manner and/or arbitration.

29. Governing Language

29.1 The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

30. Applicable Law

30.1 The Contract shall be interpreted in accordance with the laws of the Procuring agency's country, unless otherwise specified in SCC.

31. Notices

31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by cable, telex, or facsimile and confirmed in writing to the other party's address specified in SCC.

31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. Taxes and Duties

32.1 Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring agency.

Sindh Public Procurement Regulatory Authority

Bidding Documents

For

Procurement of Goods

PART TWO (PROCUREMENT SPECIFIC PROVISIONS)

- Invitation for Bids (IFB)
- Bid Data Sheet (BDS)
- Special Conditions of Contract (SCC)
- Schedule of Requirements
- Technical Specifications
- Sample Form
- Eligibility

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No: SO (B&A)/E&T/11 (24) /2015 (Online Tax)
GOVERNMENT OF SINDH
EXCISE, TAXATION & NARCOTICS CONTROL
DEPARTMENT

Karachi dated the 20th May, 2016

TENDER NOTICE

1. The EXCISE, TAXATION & NARCOTICS DEPARTMENT invites sealed bids on Single stage – two envelope procedures from eligible bidders from original manufacturers / their authorized distributors / suppliers in Sindh, registered with SECP, NTN, GST/SST/SRB & Professional Tax for the supply of Hardware, Software & Services for Integration/ Upgrading of Motor Vehicle Database.
2. Interested eligible bidders may obtain further information from the office of Section Officer (B&A), EXCISE, TAXATION & NARCOTICS DEPARTMENT, Room No. 340 2nd Floor, Sindh Secretariat No.2, Tughlaque House.
3. A complete set of Blank Tender form / bidding document may be purchased by interested bidders on the submission of a written application with SECP registration certificate & NTN certificate to the above and upon payment of a nonrefundable fee of Rs.2,000/- in shape of Demand Draft or Pay Order in favor of Secretary Excise, Taxation & Narcotics Control Department during office hours from 21-05-2016 upto 06-06-2016 till 10:00 am.
4. Sealed Bids must be delivered to the above office on or before 06-06-2016 at 02:00 Pm and must be accompanied by a bid security of Two & Half (2.5) % of bid cost.
5. Bids will be opened by the purchase committee of the Department in the presence of bidders' / representatives of bidders on 06-06-2016 at 03:00 pm in the office of Additional Secretary EXCISE, TAXATION & NARCOTICS DEPARTMENT, 3rd Floor, Sindh Secretariat No.2, Tughlaque House, Karachi.
6. In case of a holiday the bid will be accepted the next working day at 02:00 pm and opened same day at 3:00 pm.
7. Procurement Committee reserves the Right to accept or Reject any or All Bids prior to award of contract as per SPPRA Rules, 2010.

SECTION OFFICER (B&A)
For Secretary to Government of Sindh
021-99211917

BID EVALUATION

By submission of documentary evidence in its bid, the Bidder must establish to the Purchaser's satisfaction:

1. that it has the required experience and technical know-how for the project scope of work; and
2. that it has financial capability to perform the Contract.
3. that it is not involved in any Court Case / FIR.

By submission of documentary evidence in its bid, the Bidder **MUST** establish to the Purchaser's satisfaction:

1. that it is incorporated with SECP and is in good standing with SECP and all relevant departments;
2. that it is properly registered with FBR for Income Tax and Sales Tax, SRB & Professional Tax;
3. that it has delivered Similar projects with Government.
4. that it must submit authorization letters from the principal providing the Software & Hardware solutions.

EVALUATION CRITERIA

Following are the two main components under this scheme of **EXCISE, TAXATION & NARCOTICS DEPARTMENT**. Bidders can submit proposals against either or both in the entirety. The bidders will be evaluated separately for both these criteria

S.No	Description
1	Excise Portal, Registration/Online Services, and Alternate Delivery Mechanisms
2	Business Intelligence

CRITERIA FOR PORTAL AND ALTERNATE DELIVERY

S#	Evaluation Parameter for proposal	Quantity Description	Marks
1.	Company Profile	All companies should have sales tax and income tax registration numbers.	50 marks
	a) Period since Firm is in Information Technology business. (Submit SECP registration certificate)	From 1 to 5 years. From 6 to 10 years. 10 years and above.	10 15 20
	b) Number of office locations in Sindh (Not more than 1 per city. Specify addresses of all office locations along with rental agreements or any other document as proofs)	1 2 3 or more	5 15 30
2.	Financial Soundness /Status		50 marks
	a) Income Tax Return of Firm (Submit copies of the returns)	1 to 3 years 4 to 6 years 7 to 10 years	10 15 25
	b) Average Annual Turnover of last five (5) years (Attach copies of the Audited Accounts)	Below PKR 30 Million B/W PKR 31 Million and PKR 60 Million B/W PKR 61 Million and PKR 100 Million PKR 101 million and above	10 15 20 25
3.	Company Experience		300 marks
	a) Number of similar projects with one being a minimum of 50 million (Submit contracts or completion certificates with costs specified)	1 to 2 3 and above	50 100

S#	Evaluation Parameter for proposal	Quantity Description	Marks
	b) Number of IT Operations & Maintenance Support Projects in public sector, with at least 2 being PKR 10 million and above annually (Submit contracts along with costs)	1 to 2 3 to 4 5 and above	20 50 100
	c) Cumulative value of Public Sector IT Projects in hand or completed in Past 5 Years. (Submit contracts or completion certificates with costs specified)	Up to 300 million Between 300 million to 500 million More than 500 million	20 50 100
4.	Technical Solution		500 marks
	a) Proposed Application Architecture		100
	b) Proposed Business and Transaction models for the Payments		100
	c) Knowledge of the Motor Vehicle Registration processes in Sindh.		200
	d) Implementation & Deployment Methodology		50
	e) Support & Maintenance Plan		50
5.	Team Qualifications		100 marks
	a) Proposed Project team. Project Manager, Hardware Specialist, Software Engineer, Network Specialist. Submit CVs of all the Leads along with rest of the team.		50
	b) Certifications in Oracle, IBM, HP, Microsoft, CISCO, PMP etc technologies	5 to 15 16 to 30 31 and above	15 25 50

CRITERIA FOR BUSINESS INTELLIGENCE

S#	Evaluation Parameter for proposal	Quantity Description	Marks
1.	Company Profile	All companies should have sales tax and income tax registration numbers.	50 marks
	a) Period since Firm is in Information Technology business. (Submit SECP registration certificate)	From 1 to 5 years. From 6 to 10 years. 10 years and above.	10 15 20
	b) Number of office locations in Sindh (Not more than 1 per city. Specify addresses of all office locations along with rental agreements or any other document as proofs)	1 2 3 or more	5 15 30
2.	Financial Soundness /Status		50 marks
	a) Income Tax Return of Firm (Submit copies of the returns)	1 to 3 years 4 to 6 years 7 to 10 years	10 15 25
	b) Average Annual Turnover of last five (5) years (Attach copies of the Audited Accounts)	Below PKR 30 Million B/W PKR 31 Million and PKR 60 Million B/W PKR 61 Million and PKR 100 Million PKR 101 million and above	10 15 20 25
3.	Company Experience		300 marks
	a) Number of similar projects in Public Sector with one being a minimum of 50 million (Submit contracts or completion certificates with costs specified)	1 to 2 3 and above	50 100

S#	Evaluation Parameter for proposal	Quantity Description	Marks
	b) Number of IT Operations & Maintenance Support Projects in public sector, with at least 2 being PKR 10 million and above annually (Submit contracts along with costs)	1 to 2 3 to 4 5 and above	20 50 100
	c) Cumulative value of Public Sector IT Projects in hand or completed in Past 5 Years. (Submit contracts or completion certificates with costs specified)	Up to 300 million Between 300 million to 500 million More than 500 million	20 50 100
4.	Technical Solution		500 marks
	a) Proposed Application Architecture		100
	b) Proposed KPIs		100
	c) Knowledge of the Motor Vehicle Registration Data Architecture.		200
	d) Implementation & Deployment Methodology		50
	e) Support & Maintenance Plan		50
5.	Team Qualifications		100 marks
	a) Proposed Project team. Project Manager, Hardware Specialist, Software Engineer, Network Specialist. Submit CVs of all the Leads along with rest of the team.		50
	b) Certifications in Oracle, IBM, HP, Microsoft, CISCO, PMP etc technologies	5 to 15 16 to 30 31 and above	15 25 50

Firm must get 75% i.e. 750/1000 marks in Technical Proposal for qualifying as per above mentioned criteria.

All the bids will be evaluated jointly on “Technical” and “Financial” bids, with the weightings of 70% for Technical and 30% for Financial.

The total bid score would be determined as follows:

$$\text{Score}_i = \frac{\text{Cost}_{\text{lowest}}}{\text{Cost}_i} \times 30\% + \frac{\text{Technical_Score}_i}{\text{Technical_Score}_{\text{highest}}} \times 70\%$$

where:

Score_i = Evaluated Score of Bidder i

Cost_i = Evaluated Bid Price of Bidder i

$\text{Cost}_{\text{lowest}}$ = Lowest Evaluated Bid Price amongst
all Responsive Bids

Technical_Score_i = Technical Score of Bidder i

$\text{Technical_Score}_{\text{highest}}$ = Highest Technical Score amongst all Bids

The bidder securing highest evaluated score will be considered the Best Evaluated Bid or the Lowest Evaluated Bid.

Bid Data Sheet

Introduction	
ITB 1.1	Name of Procuring Agency: EXCISE, TAXATION & NARCOTICS DEPARTMENT , Government of Sindh.
ITB 1.1	ADP SCHEME# 338 OF 2015-16, INTEGRATION/UP-GRADING OF MOTOR VEHICLE TAX COLLECTION
ITB 1.1	Name of Contract: INTEGRATION/UP-GRADING OF MOTOR VEHICLE TAX COLLECTION, EXCISE, TAXATION & NARCOTICS DEPARTMENT .
ITB 4.1	Name of Procuring agency. EXCISE, TAXATION & NARCOTICS DEPARTMENT , Government of Sindh.
ITB 6.1	Procuring agency's address, telephone, telex, and facsimile numbers: Section Officer (General) EXCISE, TAXATION & NARCOTICS DEPARTMENT , Room No. 345 2 nd Floor, Sindh Secretariat No.2, Tughlaque House, Karachi.
ITB 8.1	Language of the bid. English
Bid Price and Currency	
ITB 11.2	The price quoted shall be: In addition to delivered duty paid (DDP) price.
ITB 11.5	The price shall be fixed.
Preparation and Submission of Bids	
ITB 13.3 (d)	Qualification requirements. Requirement for a minimum level of experience in a similar type of goods for which the Invitation for Bids is issued. And also meet the requirement.
ITB 14.3 (b)	Spare parts required for <i>[number]</i> of years of operation. Yes
ITB 15.1	Amount of bid security.

	Two & Half (2.5) percent of the bid amount.
ITB 16.1	Bid validity period: The validity should be One Hundred & Twenty (120) days.
ITB 17.1	Number of copies. One Original Set
ITB 18.2 (a)	Address for bid submission: EXCISE, TAXATION & NARCOTICS DEPARTMENT, Government of Sindh, Room No. 345 2nd Floor, Sindh Secretariat No.2, Tughlaque House, Karachi
ITB 18.2 (b)	IFB title and number: IFB No:
ITB 19.1	Deadline for bid submission. 03-06-2016, 11:00 am
ITB 22.1	Time, date, and place for bid opening. on 03-06-2016 at 3.30 pm in the room of Additional Secretary EXCISE, TAXATION & NARCOTICS DEPARTMENT , 3 rd Floor, Sindh Secretariat No.2, Tughlaque House, Karachi
Bid Evaluation	
ITB 25.3	Criteria for bid evaluation. criteria listed in ITB Clause 25.3 (e.g., 25.3 (b) and (c)), and in the reference under ITB 25.4 below. Retain only the evaluation method to apply and the relevant parameters corresponding to the retained <i>criteria (e.g., 25.4 (b) (i) and (c) (ii))</i> .
ITB 25.4 (a)	One option only.
ITB 25.4 (b)	Delivery schedule. Relevant parameters in accordance with option selected:
Option (i)	adjustment expressed as a percentage,

Option (ii)	or adjustment expressed in an amount in the currency of bid evaluation,
Option (iii)	or adjustment expressed as a percentage <i>[A rate of one-half (0.5) percent per week is a reasonable figure. The percentage of liquidated damages specified in SCC should be higher.]</i>
ITB 25.4 (c) (ii)	Deviation in payment schedule. Annual interest rate.
ITB 25.4 (d)	Cost of spare parts. N/A <i>[Specify the applicable method—(i), (ii), or (iii)—and factors (e.g., number of years) and reference to the Appendix to the Technical Specifications, as required.]</i>
ITB 25.4 (e)	Spare parts and after sales service facilities in the Procuring agency's country: After sales service facilities according to requirement required.
ITB 25.4 (f)	Operating and maintenance costs. N/A Factors for calculation of the life cycle cost: (i) number of years for life cycle <i>[it is recommended that the life cycle period should not exceed the usual period before a planned major overhaul of the goods];</i> (ii) operating costs <i>[e.g., fuel and/or other input, unit cost, and annual and total operational requirements];</i> (iii) maintenance costs <i>[e.g., spare parts—without duplication of above</i>

	<p><i>Clause 25.4(d) requirements—and/or other inputs]; and</i></p> <p>(iv)rate, as a percentage, to be used to discount all annual future costs calculated under (ii) and (iii) above to present value.</p> <p>or</p> <p>Reference to the methodology specified in the Technical Specifications or elsewhere in the bidding documents. 0.05%</p>
ITB 25.4 (g)	Performance and productivity of equipment: required
ITB 25.4 (h)	Details on the evaluation method or reference to the Technical Specifications: According to criteria mentioned
ITB 25.4 Alternative	Specify the evaluation factors. According to criteria mentioned
Contract Award	
	Percentage for quantity increase or decrease. (15) percent

Section III. Special Conditions of Contract

Part Two - Section III. Special Conditions of Contract

Table of Clauses

1. DEFINITIONS (GCC CLAUSE 1).....

2. COUNTRY OF ORIGIN (GCC CLAUSE 3).....

3. PERFORMANCE SECURITY (GCC CLAUSE 7).....

4. INSPECTIONS AND TESTS (GCC CLAUSE 8).....

5. PACKING (GCC CLAUSE 9).....

6. DELIVERY AND DOCUMENTS (GCC CLAUSE 10).....

7. INSURANCE (GCC CLAUSE 11).....

8. INCIDENTAL SERVICES (GCC CLAUSE 13).....

9. SPARE PARTS (GCC CLAUSE 14).....

10. WARRANTY (GCC CLAUSE 15).....

11. PAYMENT (GCC CLAUSE 16)

12. PRICES (GCC CLAUSE 17).....

13. LIQUIDATED DAMAGES (GCC CLAUSE 23).....

14. RESOLUTION OF DISPUTES (GCC CLAUSE 28).....

15. GOVERNING LANGUAGE (GCC CLAUSE 29).....

17. NOTICES (GCC CLAUSE 31).....

Part Two - Section III. Special Conditions of Contract

Special Conditions of Contract

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

[Instructions for completing the Special Conditions of Contract are provided, as needed, in the notes in italics mentioned for the relevant SCC. Where sample provisions are furnished, they are only illustrative of the provisions that the Procuring agency should draft specifically for each procurement.]

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Procuring agency is: **EXCISE, TAXATION & NARCOTICS DEPARTMENT DEPARTMENT** GCC 1.1 (h)—The Procuring agency’s country is: Islamic Republic of Pakistan

GCC 1.1 (i)—The Supplier is:

Sample Provision

GCC 1.1 (j)—The Project Site is:

2. Country of Origin (GCC Clause 3)

All countries and territories as indicated in Part Two Section VI of the bidding documents, “Eligibility for the Provisions of Goods, Works, and Services in Government-Financed Procurement”.

3. Performance Security (GCC Clause 7)

GCC 7.1—The amount of performance security, as a percentage of the Contract Price, shall be:
[Five (5) to ten (10) percent of the Contract Price would be reasonable; it should not exceed ten (10) percent in any case.]

[The following provision should be used in the case of Goods having warranty obligations.]

GCC 7.4—After delivery and acceptance of the Goods, the performance security shall be reduced to two (2) percent of the Contract Price to cover the Supplier’s warranty obligations in accordance with Clause GCC 15.2.

4. Inspections and Tests (GCC Clause 8)

GCC 8.6—Inspection and tests prior to shipment of Goods and at final acceptance are as follows:

5. Packing (GCC Clause 9)

Sample provision

GCC 9.3—The following SCC shall supplement GCC Clause 9.2:

6. Delivery and Documents (GCC Clause 10)

Sample provision (DDP terms)

GCC 10.3—Upon shipment, the Supplier shall notify the Procuring agency the full details of the shipment, including Contract number, description of Goods, quantity and usual transport document. The Supplier shall mail the following documents to the Procuring agency:

- (i) copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) original and two copies of the usual transport document (for example, a negotiable bill of lading, a non-negotiable sea waybill, an inland waterway document, an air waybill, a railway consignment note, a road consignment note, or a multimodal transport document) which the buyer may require to take the goods;
- (iii) copies of the packing list identifying contents of each package;
- (iv) insurance certificate;
- (v) Manufacturer's or Supplier's warranty certificate;
- (vi) inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and
- (vii) certificate of origin.

7. Insurance (GCC Clause 11)

GCC 11.1— The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility. Since the Insurance is seller's responsibility they may arrange appropriate coverage.

8. Incidental Services (GCC Clause 13)

GCC 13.1—Incidental services to be provided are:

[Selected services covered under GCC Clause 13 and/or other should be specified with the desired features. The price quoted in the bid price or agreed with the selected Supplier shall be included in the Contract Price.]

9. Spare Parts (GCC Clause 14)

GCC 14.1—Additional spare parts requirements are:

Sample provision

GCC 14.1—Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods. Other spare parts and components shall be supplied as promptly as possible, but in any case within six (6) months of placing the order and opening the letter of credit.

10. Warranty (GCC Clause 15)

Sample provision

GCC 15.2—In partial modification of the provisions, the warranty period shall be 12 Months of operation or 12 months from date of acceptance of the Goods or (12) months from the date of shipment, whichever occurs earlier. 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:

(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 4,

or

(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 (5%).

[The rate should be higher than the adjustment rate used in the bid evaluation under ITB 25.4 (f) or (g).]

GCC 15.4 & 15.5—The period for correction of defects in the warranty period is:

11. Payment (GCC Clause 16)

Sample provision

GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:

Payment for Goods supplied:

Payment shall be made in Pak. Rupees in the following manner:

(i) 100% of the Contract Price on complete delivery of store within thirty (30) days on submission of claim supported by acceptance certificate from procuring agency declaring Goods have been delivered and that all contracted services have been performed.

12. Prices (GCC Clause 17)

Sample provision

GCC 17.1—Prices shall be adjusted in accordance with provisions in the Attachment to SCC.

[To be inserted only if price is subject to adjustment.]

13. Liquidated Damages (GCC Clause 23)

GCC 23.1—Applicable rate:

Maximum deduction:

(0.5) percent per week, percent of the Contract Price.

14. Resolution of Disputes (GCC Clause 28)

GCC 28.3—The dispute resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

In the case of a dispute between the Procuring agency and the Supplier, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Procuring agency's country.

15. Governing Language (GCC Clause 29)

GCC 29.1—The Governing Language shall be:

16. Applicable Law (GCC Clause 30)

GCC 30.1-The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan which includes the following legislation:

**The Employment of Children (ECA) Act 1991 The Bonded
Labor System (Abolition) Act of 1992 The Factories Act
1934**

17. Notices (GCC Clause 31)

GCC 31.1 —Procuring agency’s address for notice purposes:
 —Supplier’s address for notice purposes:

Section IV. Schedule of Requirements

PORTAL, ONLINE SERVICES & ALTERNATE DELIVERY MECHANISMS

Portal & Online Services				
Expense Head	Unit	Qty	Unit Cost	Total
Machinery and Equipment				
Servers Hosting				
Servers Hosting (Dedicated)	Year	2		
PCs & Related accessories				
Smart phones/Tablets GSM enabled	Unit	23		
Services				
Software				
Digital Certificates and Security Software	Unit	1		
SMS Gateway	Unit	1		
Commercial Middleware, Security and Setup (Oracle/IBM/similar)	Unit	1		
Software Services				
Online Portal	Job	1		
Mobile Phone/Smart Phone	Job	1		
Software Services inclusive of integration, testing and rollout with a payment channel (government as well as non-governmental), with full functionality for tax calculations, assessments for all types of vehicles, registrations, federal and provincial tax calculations, penalties and transfers etc. Should also include servicing requests from other law enforcement agencies	Job	2		
Configuration/setup, security and API Development through the Middleware	Job	1		
Training to personnel in various regions	Job	3		
Transaction Facilitation charges inclusive of contact center establishment, reconciliation, tax dispute management and mailing of token/receipt. Please quote per transaction rate as flat fee or a percentage. This fee will be recovered from customer at the time of transaction. It should be noted that the transaction fee will not be made part of the Financial evaluation and will be considered as a reference/discussion point for the department with the winning party.	Unit			
Connectivity				
Internet Connection 2 Mbps (Annual)	Site	2		
WAN Connection 128 Kbps (Annual)	Site	3		
SMS Charges	Unit	200,000		
Mobile Phone/Smart Phone Service (annual)	Unit	23		
Total				

Amount in Words: _____

Signature & Stamp: _____

BUISNESS INTELLIGENCE

Business Intelligence				
Expense Head	Unit	Qty	Unit Cost	Total
Software				
Commercial BI tool	Unit	1		
Software Services				
Development of Dashboards, Alerts, OLAP cubes etc	Job	1		
Consulting				
Consulting to determine the KPIs (key performance indicators)	Job	1		
Total				

In Words: _____

Signature & Stamp: _____

Section V. Technical Specifications

Software Specifications

SMS Gateway

SMS software to relay SMS with integration to any MR application. The gateway should provide detailed sms delivery and billing reporting.

Commercial Database

The current Motor Vehicle Registration application is expected to be upgraded on DB2 from MySQL. The Middleware, Analytical Software etc should be compatible with DB2 and MySQL.

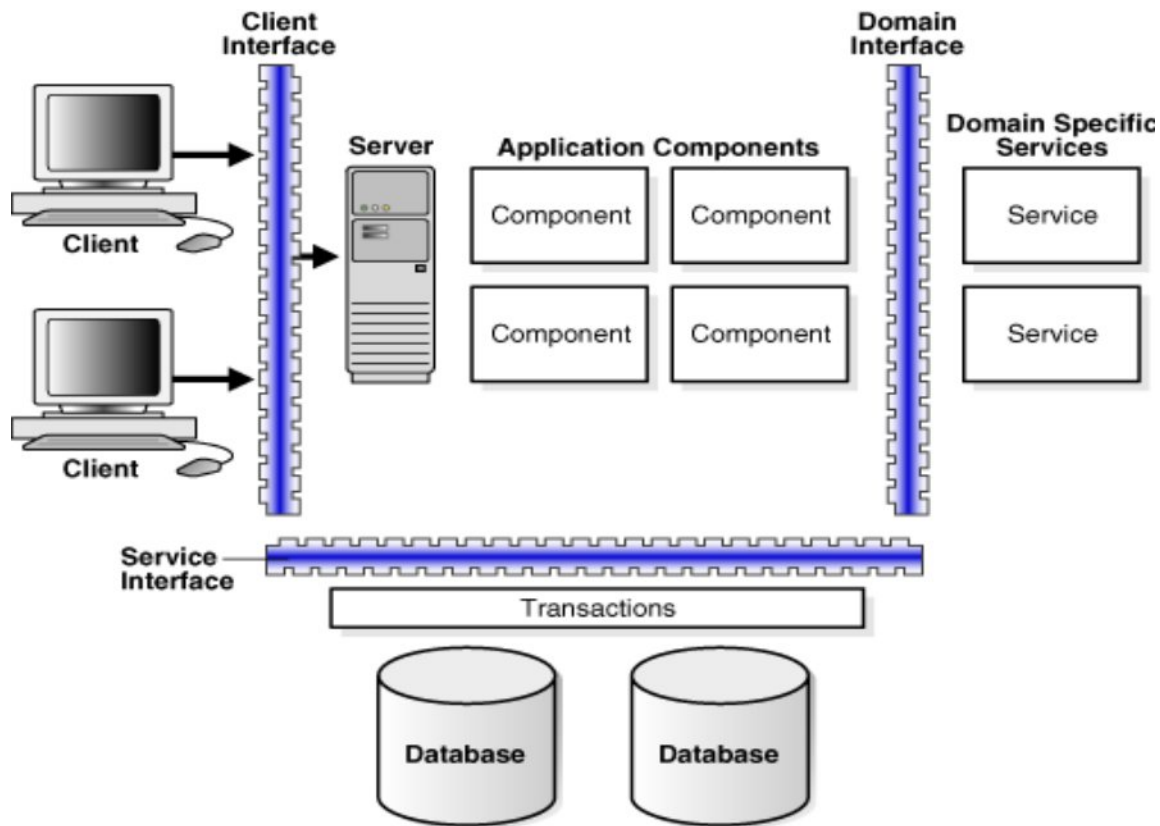
Commercial Middleware

Licensed Commercial Middleware and database with SOA suite is required. There are various such middleware software available in the market, however we will focus on leading international companies (as determined by Gartner or any such reputable research journals). The solution should provide data security as well as high availability features

Middleware is the software that connects software components or enterprise applications. Middleware is the software layer that lies between the operating system and the applications on each side of a distributed computer network. Typically, it supports complex, distributed business software applications.

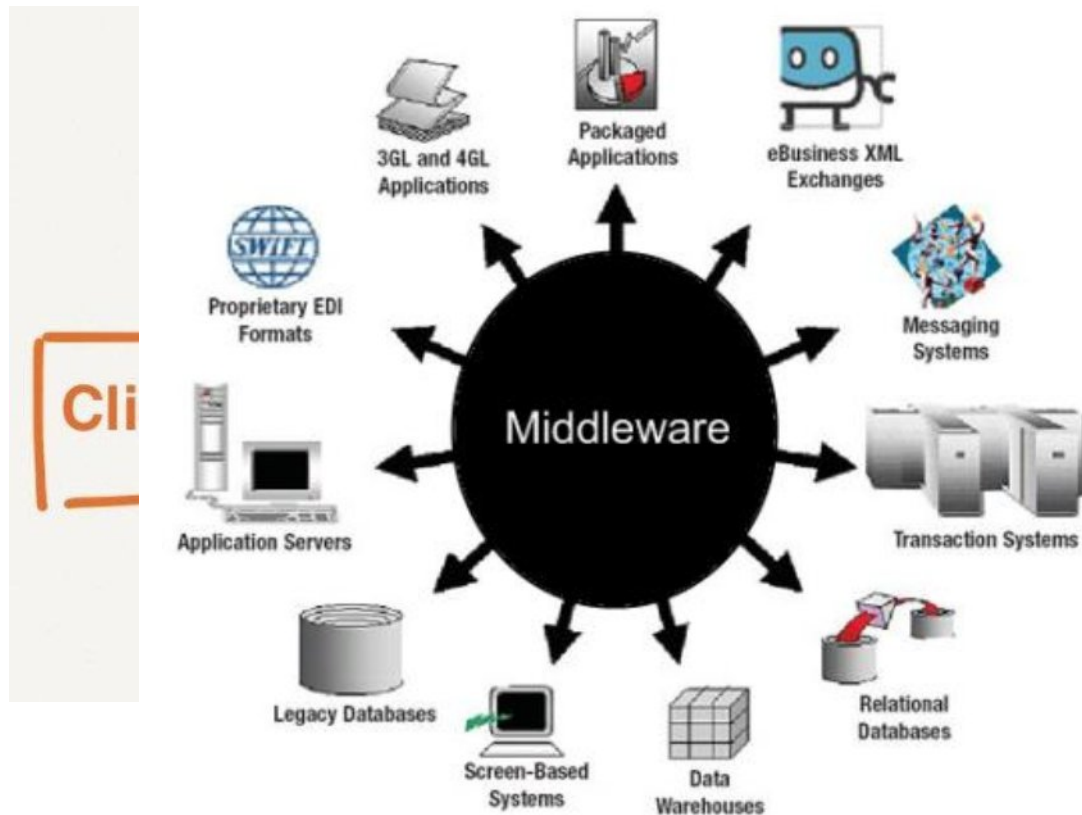
Middleware is the infrastructure which facilitates creation of business applications, and provides core services like concurrency, transactions, threading, messaging, and the SCA framework for service-oriented architecture (SOA) applications. It also provides security and enables high availability functionality to your enterprise.

Middleware includes Web servers, application servers, content management systems, and similar tools that support application development and delivery. It is especially integral to information technology based on Extensible Markup Language (XML), Simple Object Access Protocol (SOAP), Web services, SOA, Web 2.0 infrastructure, and Lightweight Directory Access Protocol (LDAP) etc.



Due to continued growth and use of network-based applications by businesses, middleware technologies are increasingly important. Companies and organizations are now building enterprise wide information systems by integrating previously independent applications with new software developments. The integration process may involve legacy applications which may be used only with, or through a non-modifiable interface. In some cases, rewriting the code for a legacy application may be cost-prohibitive.

Increasingly, information systems are composed of a collection of various specialized hardware devices interconnected by a network. Each device performs a function that involves receipt of real time data and remote interaction with other devices of the system. Some examples include computer networks, telecommunication systems, uninterrupted power supply units, and decentralized manufacturing units.



Interaction with the information system may span a wide range of performance. You can interact with Internet applications through a variety of devices, whose characteristics and performance figures span an increasingly wide range. Between a high performance personal computer, a smart telephone, and a personal digital assistant, the variations in bandwidth, local processing power, screen capacity, and the ability to display color pictures, are extremely large.

Applications use intermediate software that resides on top of the operating systems and communication protocols to perform the following functions:

- Hide the distributed nature of the application. An application represents a collection of interconnected parts that are operational and running in distributed locations, out of view.
- Hide the heterogeneity of the enterprise. This includes the hardware components used, computer operating systems, and communication protocols.
- Provide uniform, standard, high-level interfaces to the application developers and integrators, so that applications can be easily composed, reused, ported, and made to interoperate.
- Supply a set of common services to perform various general purpose functions to avoid duplicating efforts, and to facilitate collaboration between applications.

Middleware makes application development easier, by providing common programming abstractions, by masking application heterogeneity and the distribution of the underlying hardware and operating systems, and by hiding low-level programming details.

The function of middleware is to mediate interaction between the parts of an application, or between applications. Therefore, considerations for architectural structure play a central role in middleware design. The architectural design encompasses the organization, overall structure, and communication patterns, both for applications and for the middleware itself.

Besides architectural aspects, the main problems of middleware design pertain to various aspects of distributed systems. Any middleware system relies on a communication layer that allows its different pieces to interoperate. In addition, communication is a function provided by middleware itself to applications, in which the communicating entities may take on different roles such as client server or peer-to-peer. Middleware allows different interaction modes (synchronous invocations, asynchronous message passing, coordination through shared objects) embodied in different patterns.

Therefore, middleware system design faces several challenges:

- Middleware systems rely on interception and indirection mechanisms, which induce performance penalties. Adaptable middleware introduces additional indirections, which make the situation even worse.
- As applications become more and more interconnected and interdependent, the number of objects, users, and devices tends to increase. This poses the problem of the scalability of the communication and object management algorithms, and increases the complexity of administration. The availability, reliability, concurrency, security, and performance of applications may also be an issue.
- Widespread computing is a vision of the near future, in which an increasing number of devices embedded in various physical objects participate in a global information network. Mobility and dynamic reconfiguration will be dominant features, requiring permanent adaptation of the applications.
- Managing large applications that are heterogeneous, widely distributed, and in permanent evolution raises many questions, such as consistent observation, security, trade-offs between autonomy and interdependence for the different subsystems, and definition and implementation of resource management policies.

Service-Oriented Architecture (SOA) is an architectural style whose goal is to achieve loose coupling among diverse interacting software applications, enabling organizations to take advantage of existing investments in applications and systems. SOA facilitates the development of modular business services that can be easily integrated and reused, thus creating a flexible and adaptable infrastructure. Using a SOA approach, an organization can focus more resources and budget on innovation and on delivering new business services. Systems that can successfully use SOA can minimize the disruption of planned or unplanned outages in an enterprise.

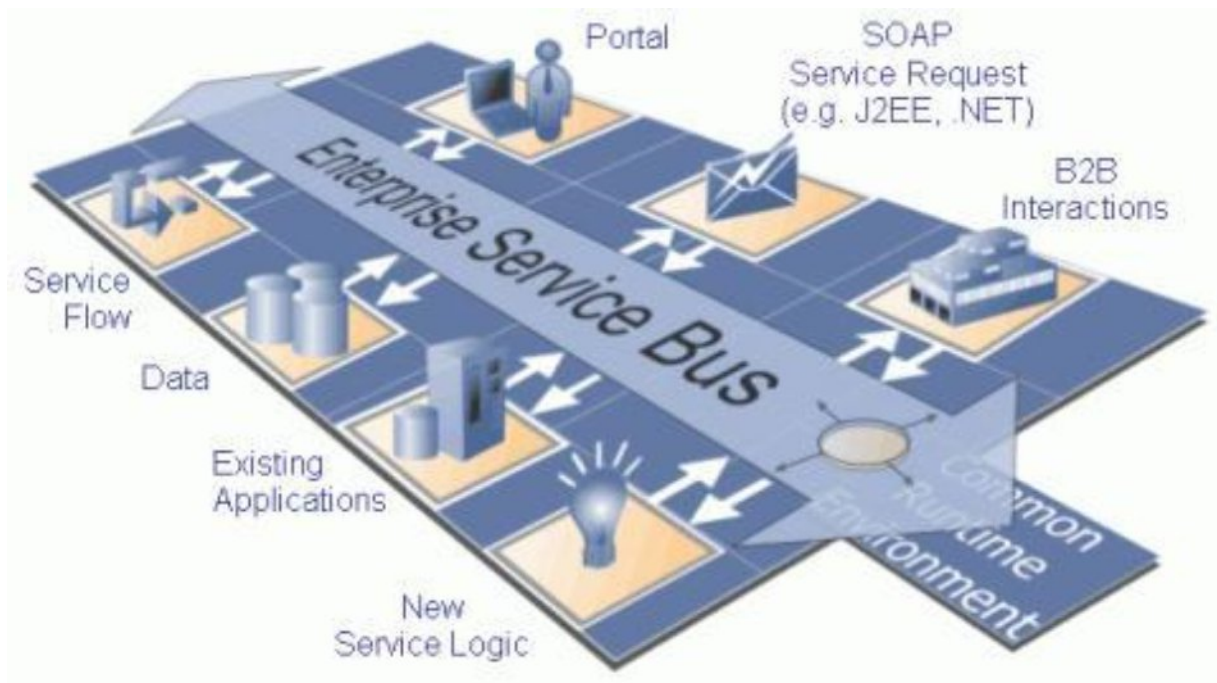
Some of the advantages of using SOA are:

- Reduction in development time and cost: SOA services are easily reused and can be rapidly assembled into new, composite applications.
- Lower maintenance cost: Reusable services reduce the number and internal complexity of enterprise services.
- High-quality services: Increased service reuse creates high-quality services through multiple testing cycles from different service consumers.
- Lower integration costs: Standardized services know how to work together, enabling disparate applications to quickly and easily connect.
- Reduce risk: Fewer, reusable services provide greater control over corporate and IT governance policies, and reduce the overall compliance risk to an enterprise.

How does SOA achieve loose coupling among interacting software agents? It does so by employing two architectural constraints:

- A small set of simple and widespread interfaces to all participating software agents. Only generic semantics are encoded at the interfaces. The interfaces are universally available for all providers and consumers.
- Descriptive messages constrained by an extensible schema delivered through the interfaces. No, or only minimal, system activity is prescribed by messages. A schema limits the vocabulary and structure of messages. An extensible schema allows new versions of services to be introduced without breaking existing services.





Analytical Software for Decision Support

Analytical enables organizations of all sizes to gain analytical insights from large amounts of data through engaging exploratory analysis. You can visually explore all of your data with an easy-to-use, drag-and-drop interface without the need to subset or sample data. The solution helps you identify new patterns, trends and relationships in data that were not evident before.

There are various such Analytical software available in the market, however we will focus on leading international companies (as determined by Gartner or any such reputable research journals). These companies include IBM, Oracle, SAS etc. For the purpose of identifying features we are presenting some generic details, but a similar product from IBM, Oracle or any such stature company is acceptable

Why is Analytics Important

The analytical software allows users of all skill levels to explore their data while tapping into powerful analytics capabilities. It provides an unprecedented way to derive value from all of your data, empowering you to uncover unexpected insights, find answers to complex problems, and quickly identify new and better courses of action. With Analytics, you can now share information gleaned from data discovery via the Web and mobile devices.

For whom is Analytics designed?

Analytics supports data discovery and exploration for users across your organization, from decision makers and analysts to statisticians and data scientists. Designed for users of all skill levels, the solution provides an easy way for IT to protect and manage the integrity and security of data, while enabling business users to communicate results via dashboards and KPIs.

Value of Analytics

- Analytical software allows business users to visualize and interrogate large data sets (millions & billions of rows, thousands of columns) and find customer related correlations in a self-service environment that delivers rapid insights without waiting for OLAP cube development in an iterative process. – “we don’t know what we’re missing until we look at it.”
- Frees business users from limitations of data models.
- Sub-second response for terabytes of data so that business users can make rapid decisions.
- Walk through billions of rows and thousands of columns interactively.
- The only product in its class that generates interactive statistics integrated within interactive visualization.
- Capability to do complex correlation matrices to show data relationships interactively in sub-seconds.
- Every visualization is statistically validated.
- Let the system show the relationships.
- No wait for IT to build the cubes that you can’t define anyway.
- Pre-calculating cubes does not work (too much time, too much cost, lots of rework) – “cubes are dead”.
- Modelers can be more predictive in the data exploration phase through visualization before beginning model development.
- Visualize and correlate to find the patterns.
- Evaluate opportunities, explore relationships.
- Visual discovery by iterations, slicing and dicing, in self-service environment for business users.
- Initial tool for business users to design a strategy, confirm a hypothesis; identify new idea.

Analytics software is a high-performance, in-memory solution for exploring massive amounts of data very quickly. It enables you to spot patterns, identify opportunities for further analysis and convey visual results via Web reports, the iPad or an Android tablet.

Analytics software is designed to utilize high-performance capabilities to process massive amounts of data. Analytical expertise combined with their unique in-memory technology provides business with the unprecedented ability to visually explore billions of rows of data, glean insights from that data and easily share the insights.

Should have the ability to quickly read data into memory for fast processing and data visualization. Users can then explore all data, execute analytic correlations on billions of rows of data in just minutes or

seconds, and visually present results. This helps quickly identify patterns, trends and relationships in data that were not evident before.

There are many benefits and value that can be added when deploying analytics; some of these include:

- Empower users with big data exploration to drive improved decision making. Sub-setting or sampling of data is not required. By using all data that is available, users can look at more options, make more precise decisions and drive success even faster than before.
- Answer complex questions faster, enhancing contributions from your analytic talent. Analytical tool augments the data discovery and exploration process by providing extremely fast results to enable better, more focused analysis. Analytically savvy users can quickly identify areas of opportunity or concern so further investigation can take place quickly.
- Improve information sharing and collaboration. Large numbers of users, including those with limited analytical and technical skills, can quickly view and interact with reports via the Web or mobile devices, while IT maintains control of the underlying data and security.
- Liberate IT by giving users a new way to access information. Free IT from the constant barrage of demands from users who need access to different amounts of data, ad hoc reports or one-off requests for information. Analytics enables IT to easily load and prepare data for multiple users. Once data is loaded and made available, users can dynamically explore data, create reports and share information on their own.

Provide room to grow at a self-determined pace.

Key Features

- Optimized for distributed computing environments to leverage parallel processing capabilities of many nodes.
- Can be used on commodity hardware or on database appliances.

Environment and data administration for IT

- Enterprise user authentication and information authorization is persisted across all analytical components to support data governance and IT policy implementation.
- Data is provisioned to in-memory servers based on volume, frequency of required updates and scalability requirements.
- A single Web-based interface is provided for managing enterprise information assets, including users, servers and data.

Visual data exploration

- Web-based, interactive data exploration mode for any type of user.
- Autocharting. Based on data items selected for analysis, tool automatically chooses the chart best suited to display the type of data selected: one measure yields a frequency chart, two measures yield a scatter plot, three measures yield a bubble chart, etc.
- Geographical map views provide a quick understanding of geospatial data.
- “What does it mean” capabilities automatically identify and explain the relationships between variables.
- Exploration capabilities are provided for in-memory server data sources.
- Graphical skins can be applied for 3-D appearance and light effects on visuals.
- Compelling visuals include box plots, heat maps, bubble charts and more.
- The toggle feature displays grid lines and lets you adjust axes to optimize viewing. Change queries by selecting items to be displayed from a sidebar or dynamically filtering and grouping.
- A resizable overview bar lets you visually subset a portion of data sets with many records (high cardinality).
- Viewable descriptive statistics, such as min, max and mean, enable you to gain an overall sense of a particular measure.

Self-service approachable analytics

- Explore and seek correlations on data sets using in-memory server sources for big data analysis.
- Slice and dice multidimensional data by applying filters on any level of a hierarchy.
- Drill up and down through hierarchies, or expand and collapse entire levels.
- Calculate new measures and add them to any view.
- Save views as report packages to share with other advanced data exploration users in Web reports, images or mobile apps.
- Remove complexity of data structures from nontechnical users.

Web-based report building and distribution

- Web-based, interactive report-building interface for report authors.
- Data acquisition wizard for previewing, filtering or sampling data prior to creating visualizations or reports.
- On-the-fly hierarchy creation for adding drill-down capabilities to visualizations and reports.
- Ability to select predefined filters, set groupings and sorting, and override default formatting.
- A variety of charts are included: bar/3-D bar with multiple lines, pie/3-D pie, line, scatter, heat map, bubble, and tile – all with the ability to add annotated reference lines to graphs.

Report viewing

- A Web-based, interactive report viewing interface is provided for information consumers.

- Interactive report viewing is provided for information consumers using iPad devices.
- Ability to view reports as they will display on targeted mobile devices before publishing.
- Rich desktop-like experience with drag-and-drop functionality enables resizing of objects on the screen.
- Ability to print reports to PDF or PNG.

Mobile intelligence

- Native iPad and Android support leverages the most popular gestures and capabilities, including zoom, swipe, etc., to optimize ease of use and user engagement.
- Flexible layouts let you create content tailored to different business needs.
- Link indicators enable data brushing as defined while creating reports. A selection in one indicator is applied as a filter or selection in the related indicator(s).
- Access big data.
- Reports can be viewed on mobile device while offline.

Centralized User Hub

- View thumbnails of recent and favorite items and select to open.
- Open items directly seamlessly, whether they are reports, visualizations or data sources for exploration.
- View descriptive statistics, such as min, max and mean, to gain an overall sense of a particular measure.

Components

The tool should comprise of these key components

- ✓ Data Preparation
- ✓ Explorer
- ✓ Designer
- ✓ Mobile BI

Hardware Specifications

Tablets and Smart phones

For Testing and Rollout

iPhones: 5-series, 16 GB, for development, testing and rollout

iPad 3 or higher, 9" to 10": 16 GB, for development, testing and rollout

iPad 3 or higher, Mini 7" 16 GB, for development, testing and rollout

Windows 8 Phone: Nokia Lumia Series Windows Phones, with 5 MP Camera, Bluetooth and Wifi, 512 MB RAM

Android Phone: Samsung, HTC or Sony Android Phone, with min. 5 MP Camera, Bluetooth, 1 GB RAM, running Android 4.1 or higher

Android Tablet: Samsung Galaxy Tab 9" to 10", with 16 GB RAM, Android 4.1 or higher

PDA: Psion, Dell or HP PDA with Windows 8, RFID, Infra-red sensor, touch screen controls, with min. 16 GB Internal storage

SAMPLE FORMS

Technical & Financial Proposal Submission Form

[Location, Date]

To: [Name and address]

Dear Sirs:

We, the undersigned, offer to provide the services for procurement of Goods for the project of [*Insert title of assignment*] in accordance with your Request for Proposal dated [*Insert Date*] and our Technical Proposal. Our attached Financial Proposal is for the sum of [*Insert amount(s) in words and figures*¹].

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Paragraph Reference 1.12 of the Data Sheet.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [*In full and initials*]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Bid Security Form

Whereas *[name of the Bidder]* (hereinafter called “the Bidder”) has submitted its bid dated *[date of submission of bid]* for the supply of *[name and/or description of the goods]* (hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that WE *[name of bank]* of *[name of country]*, having our registered office at *[address of bank]* (hereinafter called “the Bank”), are bound unto *[name of Procuring agency]* (hereinafter called “the Procuring agency”) in the sum of for which payment well and truly to be made to the said Procuring agency, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20____.

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by the Procuring agency during the period of bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or (b) fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders;

we undertake to pay to the Procuring agency up to the above amount upon receipt of its first written demand, without the Procuring agency having to substantiate its demand, provided that in its demand the Procuring agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including One Hundred & twenty (120) days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

[Signature]

3. Contract Form

THIS AGREEMENT made the _____ day of _____ 20____ between [name of Procuring Agency] of [country of Procuring agency] (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 ancillary services, viz., [brief description of goods and services] and has accepted a bid by the Supplier for the supply of those goods and services in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement 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 Agreement, viz.: (a) the Bid Form and the Price Schedule submitted by the Bidder; (b) the Schedule of Requirements; (c) the Technical Specifications; (d) the General Conditions of Contract; (e) the Special Conditions of Contract; and (f) the Procuring agency’s Notification of Award.
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 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 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 Agreement 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)

Signed, sealed, delivered by _____ the _____ (for the Supplier)

4. Performance Security 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 _____ 20____ to supply *[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 ____ day of _____ 20____.

Signature and seal of the Guarantors

[Name of bank or financial institution]

[Address]

[Date]

5. Bank Guarantee for Advance Payment

To: *[name of procuring agency]*

[Name of Contract]

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 16 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called “the Supplier”) shall deposit with the Procuring agency a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Procuring agency on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed there under or of any of the Contract documents which may be made between the Procuring agency and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

[Name of bank or financial institution]

[Address]

[Date]

6. Manufacturer's Authorization Form

[See Clause 13.3 (a) of the Instructions to Bidders.]

To: *[name of the Procuring agency]*

WHEREAS *[name of the Manufacturer]* who are established and reputable manufacturers of *[Name and/or description of the goods]* having factories at *[address of factory]*

Do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. *[Reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

(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 No. _____ Dated _____

Contract Value: _____

Contract Title: _____

..... [name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoS through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoS, 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 GoS and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

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

Notwithstanding any rights and remedies exercised by GoS in this regard, [name of Supplier] agrees to indemnify GoS for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoS 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 GoS.

Name of Buyer:

Name of Seller/Supplier:

Signature:

Signature:

[Seal]

[Seal]