BIDDING DOCUMENT FOR PROCUREMENT OF HARDWARE, SOFTWARE, PLANT & MACHINERY ITEMS

FY-2022-23 (IBMS-FIA-PHASE-II PROJECT)

Tender to be opened on _	29	/3/	2023	(a)	[1:30am
Name of Item with Quanti	ty/				
Name of Firm/Individual					



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- 1. This request for biding documents has been prepared by the Procuring Agency "IBMS (FIA)".
- 2. The information contained in these biding documents or as may be subsequently provided to Bidders (whether verbally or in documentary or any other form) by or on behalf of the Procuring Agency, on the terms and conditions set out in these bid documents, are indicative only and are provided solely to assist in a preliminary assessment of the proposed procurement.
- 3. These biding documents do not constitute an agreement; its sole purpose is to provide interested Bidders with information that may be useful to them in preparing their bids pursuant to these bid documents.
- 4. These biding documents may not be appropriate for all persons and it's not possible for Procuring Agency to consider the objectives and particular needs of each party which reads or uses these bid documents.
- 5. Each Bidder shall, therefore, conduct its own due investigation and analysis, check the accuracy, adequacy, correctness, reliability and completeness of the assumption, assessments, statements and information contained in these biding documents and seek independent professional advice on any or all aspects of these documents, as deemed appropriate.
- 6. All information submitted in response to this biding document becomes the property of the Procuring Agency, including all business information and proprietary data submitted with all rights of communication and disclosures.
- 7. The Procuring Agency shall not be responsible for non-receipt/misplacement/late receipt etc. of any correspondence sent thorough the post / courier / email / fax by the Bidder.
- 8. No decision shall be based solely on the basis of the information provided for any statements, opinions or information provided in these bid documents.
- 9. While submitting a proposal in response to these biding documents, each Bidder certifies that he/they understand, accept and agree to the disclaimers set forth above.
- 10. Nothing contained in any provision of these biding documents or any statements made orally or in writing by the person or party shall have the effect of negating or suspending any of the disclaimers set forth herein.

The Procuring Agency reserves the right to withdraw or cancel this bidding process or any part thereof, or to vary any of its terms at any time, without incurring any financial obligation in connection therewith.





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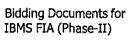
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CHECK LIST

The provision of this checklist is essential prerequisite along with submission of tenders.

SR.	DETAIL	YES/NO	PAGE#
#			
1	Original receipt for purchase of tender along with Standard Bidding Documents.		
2	3% Bid Security of Estimated Price. The bid security must be submitted with Technical proposal in a separate sealed envelope clubbed separately with sealed financial bids		
3	Minimum 3-year business history from the date of Authorization/registration.		
4	Work order/supply order/purchase order of previous relevant experience.		
5	Company profile including engineering and managerial capability. Technical staff list, workshop, machinery, factory ware house along with location and address.		
6	An affidavit on stamp paper of Rs.100/- or above submitting following clauses: i. That the maintenance of goods and replacement of defective parts under warranty shall be done. ii. That neither the firm/individual has been blacklisted on any grounds whatsoever or is being proceeded against or is involved in litigation. This certificate shall remain operative till the finalization of the procurement. iii. The photocopies of all the documents attached are genuine and correct to the best of my knowledge. Any documents found fake during any stage of procurement shall lead to cancellation of my tender document along with proceeding as per PPRA rules.		
7	Audited Financial Statement, National tax number Certificate, General Sale Tax Number Certificate, (Last 03 Year).		-
8	OEM/MAL/Dealership Authorization certificate (If specifically mentioned in the specifications).	_	
9	Individual /Firm /Company must be an active Tax Filer		





A. Introduction

1. Integrated Border Management System (FIA) & This Project/ Procurement

- i. IBMS is a national level system of critical nature and being vital component to support FIA immigration to keep an eye on all incoming and outgoing international travelers on the basis of FIA Act 1974 and Foreigners Registration Act 1964 and is operational at 27 ports of embarkation/disembarkation of Pakistan including Airport, Land Routes, Sea Ports and Rail Routes.
- ii. IBMS Phase-II Project has sufficient funds for this procurement and the detail specifications are mentioned in the relevant part of this bidding documents subject to the approval of the competent authority i.e., Chairman Purchase Committee/Project Director.
- iii. All the Bidders shall be requested through this bidding documents to submit their bids in prescribed manner.

2. Eligible Bidder's Eligibility & Experience

- i. Bidders shall not be under a declaration of blacklisting by any Government department or Public Procurement Regulatory Authority (or any PPRA of Pakistan).
- ii. Each Bidder is allowed to submit only one bid for either individually or as a partner/firm etc. In case a Bidder submits more than one bid his/it's all bids shall be rejected.
- iii. In case of any default or found involve in corrupt practice or unable to perform in accordance with Terms & Conditions of the agreement or any delay or incomplete or defective bid or cause any damage whatsoever to the Procuring Agency, the bidder shall be blacklisted as per applicable laws or any other penalty may be imposed by Procuring Agency in this regard.
- iv. The Procuring Agency considers a conflict of interest to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations. The Procuring Agency will take appropriate actions to manage such conflicts of interest, which may include rejecting a proposal for award, if it determines that a conflict of interest has flawed the integrity of any procurement process. At the time of bidding, Bidders may be considered to be in a conflict of interest with one or more parties if they, including but not limited to, participate in any respect in the preparation of the design or technical specifications of the works that are the subject of this bidding process.
- v. The Bidder shall provide such evidence of their continued satisfactory performance to the Procuring Agency.
- vi. The Bidder must comply with the prescribed specification and must not be declared ineligible by any Court of Law or any Governmental Body of Pakistan due to corrupt/fraudulent/coercive/collusive practices as described in this Bidding Document or as per applicable laws of the land.
- vii. The Procuring Agency shall disqualify the Bidder(s) pursuant to Public Procurement Regulatory Authority (PPRA) Procurement Rules, 2004 (Amended 2021) read with all other applicable Laws of the Land for award of contract, if it determines that the Bidder(s) recommended for award has(ve), directly or through an agent, engaged in corrupt, fraudulent, collusive, or coergive practices in competing for the Contract.





- viii. The Procuring Agency shall sanction the Bidder(s) or its successor, including declaring ineligible, either indefinitely or for a stated period of time, to participate in bidding activities in Pakistan, if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing the contract.
 - ix. The Bidder (s) must not conceal any information that might hinder the execution of the project. The Procuring Agency shall disqualify or blacklist, the Bidder pursuant to Procurement Rules on grounds of false, fabricated or materially incorrect information and may take any legal action.

3. Cost of Bidding

i. The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. Instructions to the Bidders (ITB)

4. Content of Bidding Documents

- i. The desirable goods with its specification, the terms & conditions for the completion of this procurement and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:
 - a. Bid Data Sheet (dully signed & stamped)
 - b. Specification of Bids;
 - c. Price Schedule;
 - d. Bid Submission Form;
 - e. Bid evaluation Criteria;
 - f. Technical & Financial Bids;
 - g. Performance Security Form;
 - h. Goods Delivery time or completion time/schedule, Payment milestone;
 - i. Contract Forms;
 - j. General Conditions of Contract (GCC);
 - k. Special Conditions of Contract (SCC);
 - 1. Any other / subsequent form or instructions relevant to this specific procurement if any;
- ii. 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.

5. Clarification of Bidding Documents

- i. A prospective Bidder requiring any clarification of the bidding documents may notify the Procuring Agency in writing, two (02) calendar days before to the closing date and time of the bids or as per decision of Procuring Agency.
- ii. Pre-bid meeting may be called by the Procuring Agency at its own or to clarify the





bidding document at any time during this process of procurement. But it is the sole discretion of the Procuring Agency which can't be claim by any /Bidder as a right.

6. Amendment of Bidding Documents

- i. 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 Bidder, may modify the bidding documents by amendment.
- ii. All Bidders that will be notified of the amendment in writing or by email, and such amendments will be binding on them.
- iii. Reasonable time to incorporate the amendment (if any) in account to preparing their bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of bids.

C. Preparation of Bids

Note:- (Separate set of document for Hardware, Software, Plant & Machinery Items, Every item is a separate tender.

7. Language of Bid

- i. 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 English language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.
- ii. In case of any other language, the authentic copy of the translation & translated in English document shall be enclosed and is case of any ambiguity the true contract / copy shall be prevailed.
- iii. In case Bidder is interested to participate in hardware, software, plant and machinery, he/they are requested to submit separate set of documents for each category.

8. Documents Comprising the Bid

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

- a. A Bid Form and a Price Schedule completed in accordance with relevant Clauses of this document and evaluation criteria.
- b. Documentary evidence established in accordance with Clause relevant 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 relevant ITB Clause that the services to be supplied by the Bidder are conform to the bidding documents.
- d. Bid security furnished in accordance with relevant ITB Clause or any other information required by the Procuring Agency.
- e. Joint Venture (JV)/ Consortium is not allowed in this procurement.

9. Bid Form

i. The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the services provided and delivery of any items





- regarding the provision of desirables.
- ii. The Bidder shall fill up the Performa provided in the bidding document as required.
- iii. Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price / Optional quotation will be treated as nonresponsive and rejected.

10. Bid Currencies

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

11. Documents Establishing Bidder's Eligibility and Qualification

- i. Pursuant to ITB Clause relevant, 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.
- ii. The documentary evidence of the Bidder's eligibility to bid shall establish to Procuring Agency's satisfaction that the Bidder, at the time of submission of its bid, is eligible as defined under relevant ITB Clause.
- iii. The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to Procuring Agency's satisfaction:
 - a. That if a Bidder is a firm / company or organization has a valid certificate from Government entity in respect of its registration / renewal.
 - b. That the Bidder has the financial, technical, managerial and production capabilitynecessary to perform the contract.
 - c. That the Bidder/ meets the qualification criteria listed in the Bid Data Sheet.

13. Conformity to Bidding Documents

- i. Pursuant to relevant ITB Clause the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all offered goods and related to such services, which the Bidder proposes to supply under the contract.
- ii. Documentary evidence of the eligibility of the bidder in form of literature, letter, work plan, scope of work etc. in accordance with the specification given by the Procuring Agency.

14. Bid Security

- i. Pursuant to relevant ITB Clause, the Bidder shall furnish, as part of its bid, a bid security in the amount specified in the Bid Data Sheet.
- ii. The bid security shall be in Pak Rupees as per bid data sheet or as required by the Procuring Agency.
- iii. Unsuccessful Bidder's bid security will be discharged or returned as promptly as possible the expiration of the period of bid validity prescribed by the Procuring Agency pursuant to relevant ITB Clause and/or as per enabling clause of PPRA rules 2004 (amended). The bid security of successful Bidder shall be released after receipt of 10 % performance guarantee for entering into contract.
- iv. The bid security is required to protect the Procuring Agency against the risk of Bidder's



conduct before entering into contract which would warrant the security's forfeiture under the followings:

- a. If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or found involve in corrupt practice or submit counterfeited, forged, fake or fabricated documents or disclose wrong information to Procuring Agency and/or
- b. In the case of a successful Bidder, if the Bidder fails
 - To sign the contract in accordance with requirements.
 - To furnish performance guarantee in accordance with relevant ITB Clause.
 - To submit its bid in accordance with the conditions of knock out clause / basic requirement or in case of any false information or submission a fake document or in case of any illegal / fraudulent practice.
 - In case of non-responsive towards procurement process at any stage before entering into contract.

15. Period of Validity of Bids

- i. 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 relevant ITB Clause. A bid valid for a shorter period shall be rejected by the Procuring Agency.
- ii. In exceptional circumstances, the Procuring Agency may solicit the Bidder's consent to an extension of the period of validity as provided in PPRA Rules 2004 amended time to time.

D. Submission of Bids

16. Sealing/Signing & Marking of Bids

The Bidder shall seal the bid(s) (technical and financial) in separate envelopes after duly marking each page and stamping, signing of the bid(s) (each page) and then separately in an outer envelope. The Bidder then pack & seal the both envelopes in main envelope with clear name, address of the Bidder & Procuring Agency and tender title. Unsealed, shattered or unstapled bid may not be considered.

17. Deadline for Submission of Bids

- i. Bids received by the Procuring Agency at the address specified must not later than the time and date specified by the Procuring Agency.
- ii. The Procuring Agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents or on any other ground on intimation to all Bidders.

18. Late Bids

Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency pursuant to said ITB Clause will be rejected and



returned unopened to the Bidder.

19. Withdrawal of Bids

- i. The Bidder may withdraw its bid after the bid's submission, provided the written notice of the withdrawal received in the office of Procuring Agency prior to two (2) days of the deadline prescribed for submission of bids. In no case, late received written notice for withdrawal of bid as stated before shall be considered.
- ii. The Bidder's withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of said ITB Clauses. (That request/mail shall reach in IBMS (FIA) within in office hours- before the day stated above).

E. Opening and Evaluation of Bids

20. Process of Procurement

Single Stage Two Envelop/process/ method shall be followed as provided hereunder in these bidding documents which is not contrary to any provision of procurement Laws/Rules.

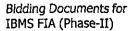
21. Opening of Bids by IBMS (FIA) Phase-II Project

- i. 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. The Bidders' representatives with authorization letter and original Identity Card who are present shall sign an attendance sheet evidencing their presence.
- ii. The Procuring Agency is at its desecration may announce the withdrawal of any bid as requested by the Bidder as provided in preceding/ relevant part, whether in its present or absent; or may call any detail(s) at the time of bid opening as deems appropriate. No bid shall be rejected at bid opening (after opening the bids), except for late bids, which shall be returned unopened to the Bidder or bids with outbid security as provided & required. Once the bids are opened it shall be evaluated accordingly.
- iii. The bid without required documents/ documentary evidences, unsigned or unstamped documents or deficient in any manner may not be considered for the evaluation. Evaluation of submitted proposal will be made on the basis of provided documents only and procuring may forfeit the bid security in such eventuality if submitted bids are deficient or legally incorrect.

22. Clarification of Bids

- i. During evaluation of the bids/prior the signing of the contract or till the completion of the contract or thereafter, the Procuring Agency may, at its discretion, may 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, accepted or permitted.
- ii. The Procuring Agency, during evaluation of the bids/prior the signing of the contract may also ask for the following clarification inter alia;







- a. Request for any technical information deemed essential for the development of the solution design document.
- b. Familiarize themselves with the works to be performed in accordance with the Inquiry documents.
- c. Request the locations coordinates and Point of Contact (POC) from the concern office.
- d. Familiarize themselves with the working conditions, applicable laws and regulations, labor conditions, environmental aspects and all other conditions that can affect timely delivery of required goods.
- e. Make his own arrangement and inquiries with regards to transportation of own staff and equipment.
- f. Ask to the bidder for test report from any lab or institution at the Bidder's cost or ask for submitting the fee for such test.
- g. Any other certificate that Procuring Agency deems necessary for the said project.
- iii. The Procuring Agency, at any level prior and after the contract execution may ask for the following including any other Inspections & Tests:
 - a. Procuring Agency or its representative shall have the right to assign any team to inspect and/or to test the goods/desirables to confirm their conformity to the Contract specifications. The Procuring Agency shall notify the Bidder in writing the details of Point of Contact (POC) for this purpose.
 - b. The inspections and tests may be conducted on any premises. If conducted on the premises of the Bidder, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the officer deputed for inspection at no charge.
 - c. If any inspected or tested goods/desirables (once or more time) fail to conform to the Specifications, the Procuring Agency may reject the offer of the bidder, and the Bidder shall either replace the rejected goods or make alterations necessary but not contrary to the required specification to meet the specification requirements free of cost to the Procuring Agency.
 - d. Any other action may be taken by the Procuring Agency to inspect or test.

23. Preliminary Examination

- i. The Procuring Agency's representatives (bid opening committee if notified) will preliminary examine the received 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, whether the bidding document fee is paid and whether the bids are generally in order.
- ii. The Procuring Agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation or change the substance of the bid,





- provided such waiver does not prejudice or affect the relative ranking of any Bidder.
- iii. The bid security submitted by the bidders shall be verified from the respective bank at the time of bid opening or thereafter.

24. Qualification & Evaluation of Bids

- i. The Procuring Agency will determine to its satisfaction whether the Bidder is qualified to perform the contract satisfactorily, in accordance with the Evaluation Criteria provided in this bidding documents.
- ii. 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 relevant Clause(s), as well as such other information, as the Procuring Agency deems necessary and appropriate.
- iii. The Procuring Agency (Technical evaluation committee) will technically evaluate and compare the bids, which have been determined to be substantially responsive, as per Technical Specifications/ Requirement/ Evaluation criteria.
- iv. The technical responsive bidders shall be intimated accordingly and the technical disqualified/irresponsive bidder may collect their financial bids subject to submitting an application to the Procuring Agency with the contents/ acknowledgement that he/it is satisfied with the technical results announced by the Procuring Agency and shall not object against this process before any legal Forum/Court.
- v. If a technically disqualified bidder shows its dissatisfaction in writing on technical evaluation report/results, its financial bid(s) will be retained till the decision of grievance committee and will be returned accordingly.
- vi. Any bidder whose bid has been declared irresponsive or disqualified by the Committee/ Procuring Agency he may file his grievance in writing before the Grievance Redressal Committee of the Procuring Agency within seven (07) days after the opening of financialbid.
- vii. The Procuring Agency shall only financially evaluate bid/ bids, which are declared technically responsive, and the quoted price shall be inclusive of all prevailing taxes and duties, if otherwise mentioned or not mentioned.
- viii. Financial evaluation bid shall be free from all computational errors.

25. Announcement of Evaluation of Bids

The Procuring Agency shall announce the evaluation report (technical & financial) through email/ fax/ letter or any other way and also follow the guidelines of the PPRA/government in this regard.

26. Contacting to the Procuring Agency.

i. No Bidder or its any representative shall contact/ approach the Procuring Agency on any matter relating to its bid after its submission, at the time of the bid opening or at the time of bid evaluation or before the report is made public. If the Bidder wishes to bring additional information or has grievance to the notice of the Procuring Agency, it shall do





so in writing.

ii. Any effort by a Bidder to influence the Procuring Agency during bid evaluation, or bid comparison may result in the rejection of the Bidder's bid and forfeiting of its bid security and its blacklisting.

F. Award of Contract

27. Award Criteria

- i. Subject to ITB Clause relevant, the Procuring Agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive in accordance with the evaluation criteria and has been determined to be the lowest evaluated bid as defined in PPRA Rules 2014 subject to the confirmation of its sample as per approved specification.
- ii. In case if more than one Bidder quotes the same cost / equal (lowest bid) the Procuring Agency may ask only to those lowest Bidder at once to submit their financial bids again.

28. Procuring Agency Right to Accept or Reject All Bids

The Procuring Agency reserves the right to reject all bids, or any lot in case of more than one lot and to annul the bidding process at any time prior to contract award. In such rejection, Procuring Agency shall incur no liability, solely or by virtue of its invoking the clause of rejection towards the Bidder or any obligation to inform the Bidder the grounds for the rejection of bids.

29. Notification of Award

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 email, that its bid has been accepted subject to verification of the performance guarantee (if any). However, such acceptance shall not be termed as a contract or the Bidder(s) cannot make any claim or treat such notice as a vested right of the contract on this ground.

30. Signing of Contract

- i. After notifications to the successful Bidder that its bid has been accepted, the successful Bidder will send the same notification to the Procuring Agency after signing and stamping within a week or before. Subsequently, the stamp paper for the Contract shall be provided by the lowest evaluated bidder within five (05) days (or extendable date or as per requirement by the Procuring Agency).
- ii. Prior to that signing of the contract the successful Bidder may discuss any issue regarding the contents of the contract with the Procuring Agency. Nevertheless, there shall be no variation or amendment in the contract without prior approval or consent of the Procuring Agency. However, no amendment, variation shall be allowed that violates the principles of procurement.
- iii. If the successful Bidder fails to submit the contract in the prescribed time period as mentioned above, the next lowest evaluated Bidder (whose bid is responsive and





acceptable) may be issued a letter of acceptance. In such case, the bid security of the former Bidder shall be forfeited in addition to any other legal action.

31. Commencement of the Contract

The Contract shall be commenced after its signing subject to confirmation the performance guarantee (if any) from the concern bank and satisfaction of the sample by the Procuring Agency.

32. Performance Guarantee

- i. Within Five (05) days or as per requirement of the Procuring Agency, on receipt of notification of award from the Procuring Agency, the successful Bidder shall furnish the performance guarantee i.e., 10 % of the total contract value, as performance guarantee form provided in the bidding documents. In case of non-provision of stores within delivery period or incomplete delivery, or other misconduct it shall be the responsibility of the contractor/vendor to get extended his bank guarantees if required by the procuring agency.
- ii. Failure of the successful Bidder to comply with the requirement of relevant ITB Clauses or any other requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security/black listing, in which event or on any other reason deems appropriate, the Procuring Agency may make the award to the next lowest evaluated Bidder or call for new bids.

33. Corrupt or Fraudulent Practices

- i. The Procuring Agency requires that Bidders, observe the highest standard of ethics during the procurement and execution of agreement/contract(s). For the purposes of this provision, the terms set forth in PPRA Rules/ Act or any other Law(s)/ Rule(s) of the Pakistan for corrupt or fraudulent practices shall be applicable:
- ii. The Procuring Agency will debar a firm/ company, in accordance with prevailing Blacklisting procedures under Public Procurement Rules 2004 in any case if deems so.
- iii. Furthermore, Bidder shall be aware of the provision stated in General Conditions of Contract.

34. Grievance Redressal Committee

The Procuring Agency shall constitute a committee comprising of odd number of persons, with proper powers and authorizations, to address the complaints of Bidder (s) that may occur prior to the entry into force of the procurement contract.

- a. Any bidder feeling aggrieved by any act of the Procuring Agency after the submission of his bid may lodge a written complaint concerning his grievances not later than seven (07) days after the announcement of the bid evaluation report.
- b. The committee shall investigate and decide upon the complaint within fifteen (15) days of the receipt of the complaint.
- c. Mere fact lodging of a complaint shall not warrant suspension of the procurement process.

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d. All technically qualified/disqualified bidders may have an opportunity to raise their objections, if any, through their grievance petition against any of the technically qualified competitor/Technical Evaluation Report prior to the opening of financial bid. No such request shall be entertained after the opening of financial bid in consonance with PPRA Rules 2004

35. Settlement of Disputes after issuance of Contract

After signing of procurement contract any dispute between parties of the contract shall be settled through a dispute resolution/ arbitration committee (that shall be Notified or already Notified). Method of resolution would be as under: -

- a. Aggrieved party shall submit an appeal against any decision/ act of the Authority (within 15 days) before Purchase Committee who shall entrust the matter to a three members Resolution/Arbitration Committee to examine the case and submit its recommendations before the Chairman Purchase Committee within 15 days.
- b. The affected party can file a revision appeal to the Chairman Purchase Committee (within 15 days) against the decision after such announcement. Before filing such revision, the aggrieved person should be required to give an undertaking (in writing) to the effect that the decision of the Chairman Purchase Committee what so ever shall be acceptable to him and that he shall not utilize any legal forum/ court after the decision of Chairman Purchase Committee or object such decision.

36. Liquidated Damages in Case of Late Deliveries of Stores

- i. The rate of the liquidated damages shall be 0.1 % of the contract price per day. The maximum amount of liquidated damages for the whole of the goods or part thereof shall be 10% of the contract price.
- ii. The supplier who refuses to pay liquidated damages or delays supplies shall be blacklisted. The Procuring Agency shall make payment of the balance amount after deduction of liquidated damages.
- iii. Recovery of the liquidated damages may be affected from the payments due to the contractors from other purchases being carried out in Procuring Agency.
- iv. The question of refund of liquidated damages may be taken up with Secretary Purchase Committee (within 15 days) on the representations of the affected party and refund in full or part thereof, may be allowed on merits having regard to condoning circumstances obtaining in the case. Before, making the refund the supplier concern should be required to give an undertaking (in writing) to the effect that the decision is acceptable to him and that it shall not be subject to any legal proceedings or arbitration at a later date.
- v. After imposition of Liquidated damages, the firm can prefer an application to the relevant authority within 15 days to review the decision.
- vi. In case of non delivery by the successful bidder till the extended delivery period, the procuring agency will retender the non supplied items at the bidder's risk and cost who failed to deliver items and the difference will be claimed from the bidder in the best national interest.



37. General Guidelines for the Bidder

- i. In case of any illness/ injuries/ causality resulting from any accident to the staff of Bidder; The Procuring Agency shall not take any responsibility for the same toward compensation, medical care or meeting any/all medical expenses incurred for the same.
- ii. In case of any labor dispute regarding the employees of Bidder, the Procuring Agency shall not facilitate to the Bidder or wait for its resolution. However, in no case the schedule work/ services shall be disturbed and the Bidder ensure its completion within timeframe and such circumstances never be treated as force majeure.
- iii. In no case the Procuring Agency shall be responsible for the conduct/ behavior/ action of the Bidder or its employees toward the breach of any law of the land.
 - iv. The bidder offering rates for Computers & Servers should have Manufacturer's Authorization Letter (MAL).
- v. The bidder offering rate for Generators should have PEC valid registration/license.
- vi. Separate set of documents for each participating category /item, therefore separate EM should be submitted for each item/category.
- vii. Items are required to be delivered within 15 weeks or earlier after issuance of Purchase Order. Delivery of the ordered items at the purchaser's premises will be supplier's responsibility.
- viii. The inspection shall be carried out at FIA Hqrs by an already approved Inspection Committee and the inspection report (findings) will be binding on you.
- ix. Successful supplier shall ensure close liaison with Inspection Committee for onward inspection of supplied goods. Rep of the supplier shall be present on the spot, unboxing, testing and checking in presence of inspection committee will be on part of supplier. All relevant accessories required during the course of inspection shall provide by supplier. Supplier shall ensure inspection within 72 hours of the supplied goods. During the course of inspection any delay due to non-availability of rep of supplier or non-availability of requisite equipment to conduct inspection, damage/misplacement to any equipment will be on part of supplier.
- x. Delivery of items, stock entry will only be considered after compliance report of inspection committee.
- xi. All associated hardware, cables, including related accessories will be the responsibility of supplier.
- xii. All The goods/item(s) must be new. Refurbished/obsolete/damaged goods/item(s) will not be accepted.
- xiii. Bids validity is for 90 days.





Evaluation Criteria

Sr.	Description	Allocated Marks	Total Marks
1	Company Profile & Experience		
i.	 Company Profile Years of operations (Registration date of NTN/FBR) Maximum marks shall be awarded, if the firm has 10 years of experience or above. For less than 10 years marks shall be awarded as: 	10	
	No. of Years (Experience) = No. of Points		
ii.	Relevant Experience Similar assignments/supplies over last 05 years	0	
	1 similar project= 3 marks 2 similar projects= 6 marks	9	
	3 similar projects = 9 marks		
	Purchase orders/supply orders/completion certificates must be attached, otherwise, no marks shall be awarded.		
iii.	 Value of Projects If the total value/capital cost (PKR) of projects/supplies completed 		
	by the individual/ firm/ company over the last five (05) years is equal to double or more of the estimate of the current purchase, maximum marks (10 marks) shall be awarded. • For less than double of the estimate of the current purchase marks shall be awarded as:	10	35
	Value of firm's Completed projects $ imes 10$ Double of the estimate of the current purchase	!	
	Purchase orders/supply orders/completion certificates must be attached, otherwise, no marks shall be awarded.	:	





<u></u>	iv.	If Individual/ Firm/ Company is:	***	
		Supplier of the current purchase = 2 marks Authorized dealer/distributor of the current purchase = 4 marks Manufacturer of the current purchase = 6 marks	6	
		If Individual/ Firm/ Company is manufacturer/authorized dealer of the current purchase, must submit the requisite documents, otherwise, considered as supplier.		

2	Financial Position		1
i.	Annual Turnover (last 03 years)		
	 If the total annual turnover (PKR) of the individual/ firm/ company over the last three (03) years is equal to double or more of the estimate of the current purchase, maximum marks (10 marks) shall be awarded. For less than double of the estimate of the current purchase marks shall be awarded as: 	15	
	Total Annual Turn Over (last 03 Years)		30
	Double of the Estimate of the Current Purchase × 10		
	Audit statement/report of last three financial years must be attached, otherwise, no marks shall be awarded.		
ii.	Tax Return Active Tax Payer for Financial Year 2022-23	15	
3.	Human Resource		
i.	Total HR strength of individual/firm/company		
	• If the total HR strength of the individual/ firm/ company over is equal or above 20 employee's full marks (20 marks) shall be awarded	35	
	For less than 20 employees, shall be awarded as:		35
	Number of Employees x 01 = Number of Points		
			100

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Section I General Conditions of Contract

1. Definitions

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

- a. "Applicable Laws/ Rules" means the laws/ Rules of Islamic Republic of Pakistan, as they may be issued and enforced from time to time.
- b. "Authority" means IBMS (FIA), Islamabad.
- c. "Bid Security" means the Call Deposit, Pay Order submitted by a Bidder together with abid to secure the obligations of the Bidder participating in a bidding proceeding
- d. "Blacklisting" means debar the Bidder to participate in any procurement process on any ground provided in the document and uploaded its status on PPRA website or any other procurement site of the country/ world.
- e. "Competent Authority" means Chairman Purchase Committee i.e. Project Director IBMS Phase-II.
- f. "Conflict of Interest" means
 - i. where a Bidder could be perceived as providing biased professional advice to a procuring agency to obtain an undue benefit for himself or those affiliated with him;
 - ii. receiving or giving any remuneration directly or indirectly in connection with the assignment except as providing in the contract;
 - iii. any engagement in consulting or other procurement activities of a Bidder that conflicts with his role or relationship with the procuring agency;
 - iv. where an official of procuring agency engaged in the procurement process has a financial or economic interest in the outcome of the process of procurement, in a direct or an indirect
- g. "Contract" means the agreement entered into between the Competent Authority and the Bidder, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- h. "Contract Price" means the price payable to the lowest evaluated bidders under the Contract for the full and proper performance of its contractual obligations.
- i. "Company" means a company registered or deemed to be register under companies Act, 2018 or under any other authority or foreign company registered in Pakistan.
- j. "Corrupt & Fraudulent Practices" includes the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official or the supplier or contractor in the procurement process or in contract execution to the detriment of the procuring agencies; or misrepresentation of facts in order to influence a procurement process or the execution of a contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the procuring agencies of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty.; it may include any of the following:
 - i. Coercive practice by impairing or harming or threatening to impair or harm, directly or indirectly, any party or property of the party to influence the action of the party to achieve a wrongful gain or to cause a wrongful loss to another party.
 - ii. Collusive practice by arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain.



- iii. Offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain.
- iv. Any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to misleads, a party to obtain a financial or other benefit or to avoid an obligation.
- v. Obstructive practice by harming or threatening to harm, directly or indirectly, person or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit process.
- k. "Day" and "Year" means calendar day/ year.
- 1. "GCC" means the General Conditions of Contract contained in this section.
- m. "Performance Guarantee" means the bank guarantee submitted by the bidder to secure obligations under the contract in accordance with the requirement in the bidding document.
- n. "SCC" means the Special Conditions of Contract.
- o. "Bidder" means a legally established professional individual/ firm/ company or entity that may provide/provides the desirables/goods to the Procuring Agency under the contract.
- p. "The Services" means the work/services to be performed by the firm/company or entity / pursuant to the contract for the completion/delivery of the required goods as per the specifications.
- q. The "PPRA Rules" means the Public Procurement Rules 2004 amended to date or any other instructions of the Government relating to the procurement process.
- r. "The Delivery Place/ Site," shall be Federal Investigation Agency, Headquarters, IBMS Logistics Branch/Store Eastern Wing 1st Floor, Technical Floor, Sector G-9/4, Islamabad. or any other place directed by the Procuring Agency.

2. Application

These General Conditions shall apply to the extent that provisions of other parts of the Contract do not supersede them.

3. Procurement Items/Goods

The procurement items/Goods mean the provision the product as defined in the specification data sheet or in any other part of this document or attached herewith.

4. Use of Contract Documents and Information; Inspection and Audit by the Bank

i. The Bidder shall not, without prior written consent of the Procuring Agency, 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 Procuring Agency in the

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performance of the Contract.

ii. The Bidder shall permit the Procuring Agency to inspect the Bidder's accounts and records relating to the performance of the Bidder and to have them audited by auditors appointed by the Procuring Agency, if so required.

5. Performance Guarantee

- i. Within Five (05) days after issuance of acceptance letter, the successful Bidder shall furnish performance guarantee to the Procuring Agency in the amount specified in SCC or by demand or before the execution of the contract.
- ii. The proceeds of the performance guarantee shall be payable to the Procuring Agency as compensation for any loss resulting from the Bidder's failure to complete its obligations under the Contract.
- iii. The performance security shall be denominated in the currency of the Contract acceptable to the Procuring Agency and shall be in a form of, Bank guarantee issued by a reputable bank located in Pakistan.
- iv. The performance guarantee will be discharged by the Procuring Agency and returned to the Bidder following the date of completion of the Bidder's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.
- v. The performance guarantee shall be verified from the concerned bank and in case of its non-confirmation, the Procuring Agency has right to blacklist or take any legal action under PPRA (2004) Rules against such Bidder.
- vi. In case the Procuring Agency terminates the contract on any ground provided in the bidding documents/contract the performance guarantee may be forfeited.

6. Transportation

- i. The lowest evaluated Bidder is required to provide the desired goods or the related services/works connected with the scope of the specifications as per the contract or required by the Procuring Agency or requirement to complete the assignment on a specified place of destination and such related costs shall be included in the Contract Price and cannot be claimed separately in addition to the contractual price.
- ii. The lowest evaluated Bidder shall be responsible to complete the given assignment as per the settled specification within the time period decided by the parties and such bidder shall be responsible to handover the goods/desirables at Federal Investigation Agency, Headquarters, IBMS Logistics Branch/Store Eastern Wing 1st Floor, Technical Floor, Sector G-9/4, Islamabad or any other place as directed by the Procuring Agency. No cost what so ever shall be paid to the contractor in any case by the Procuring Agency for the transportation or delivery. The bidder shall be responsible of any damage/loss during transportation.

7. Bidder's Responsibilities

Bidder shall ensure the completion of the assignment in accordance with the terms of the contract after approval of the Procuring Agency.



8. Payment & Prices

The terms and conditions of payment to be made to the successful Bidder shall be as per contract.

9. Change Orders

The Procuring Agency at any time, by a written order issued to the successful Bidder, may make any changes in terms of extension of delivery time after examining the circumstances (if requested by the successful bidder in writing) or increase/decrease in the quantity under PPRA Rules-2004

10. Contract & its Commencements

- i. No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- ii. After signing of the contract, the Procuring Agency may issue separate purchase order to the contractor.

11. Delays in the Bidder's Performance

- i. Delay in provision/delivery of goods by the Bidder in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements shall not be tolerated and in such default penalty for delaying delivery shall be imposed @ 0.1% per day of the total contract amount and the maximum penalty in such delay shall be 10% of the total amount of the contract.
- ii. The Procuring Agency's focal person shall conduct visit to the sites in order to monitor progress. The Bidder shall not obstruct visit of Procuring Agency's focal person and provide full facilitation to such person.

12. Termination for Default

- i. The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Bidders, may terminate this Contract in whole or in part:
 - a. If the Bidder fails to perform his obligations/delivery of goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC relevant Clause or
 - b. If the Bidder fails to perform any other obligation(s) under the Contract.
 - c. If the Bidders/, 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 that defined in PPRA Rules 2004 amended to date. However, the Procuring Agency shall follow the prevailing rules and law in case of termination of the contract, if required.
- ii. In the event the Procuring Agency terminates the Contract in whole or in part, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate Services/desirables similar to those undelivered, and such additional costs shall be payable by the Bidders. However, the Bidder shall continue performance of the





Contract to the extent not terminated. In case of termination by the Procuring Agency or by the Bidder, the performance guarantee shall be forfeited.

13. Force Majeure

- i. Notwithstanding anything contrary provided in the provisions of GCC Clauses, the Bidder shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- ii. For purposes of this clause, "Force Majeure" means an event beyond the control of the Bidder and not involving the Bidder's fault or negligence and not foreseeable.
- iii. If a Force Majeure situation arises, the Bidder 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 Bidder 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. The benefit of Force Majeure shall be in favor of Procuring Agency if it happened anytime.

14. Termination for Insolvency

The Procuring Agency may at any time terminate the Contract by giving written notice to the Bidder if the Bidder becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Bidders, 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.

15. Termination for Convenience

- i. The Procuring Agency, by written notice of seven (07) Days to the Bidders or without such notice, may terminate the Contract, in toto or in part, at any time before the accomplishment of the contract for its convenience. In case of issuing the notice of termination, the Procuring Agency shall specify that the termination is for the Procuring Agency's convenience, to what extent/ or whole of the contract with the Bidder is terminated, and the date upon which such termination becomes effective. In case of such termination the provided performance or delivered goods before the period of such termination may be considered by the Procuring Agency if satisfied.
- ii. All enabling Laws of the land including clauses of PPRA Laws / Rules / Regulations shall be strictly followed in process of procurement or black listing or contract management etc.

16. Resolution of Disputes/Grievance Committee

- i. The Procuring Agency has constituted a committee comprising of odd number of persons, with proper powers and authorizations, to address the complaints of bidders that may occur prior to the entry into force of the procurement contract.
- ii. Save as otherwise in ITB or above Any bidder feeling aggrieved by any act of the Procuring Agency after the submission of his bid may lodge a written complaint





concerning his grievances not later than seven (07) days after the announcement of the bidevaluation report.

iii. The committee shall investigate and decide upon the complaint within fifteen (15) days of the receipt of the complaint.

17. Governing Language

The Contract shall be written in the language English. The version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract/ process which are exchanged by the parties shall be written in the same language. In case of any other language the authenticated translation dully attested may be added with bid and, in case of any ambiguity the language of original documents shall prevails.

18. Applicable Law

The Procurement process & Contract shall be commenced and competed in accordance with the applicable laws of Islamic Republic of Pakistan.

19. Notices

Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by fax or by email or any other modern devices (accepted by Procuring Agency) and confirmed in writing to the other party's address specified in the bidding document and construed its receiving if not responded.

20. Taxes and Duties

Bidder shall be entirely responsible for all taxes, duties, license fees, etc., incurred until full satisfactory delivery to the Procuring Agency. Successful bidder claiming tax exemption should seek tax exemption certificate from FBR.

21. Corrupt or Fraudulent Practices

- i. The Procuring Agency requires that Bidder's, observe the highest standard of ethics during the procurement and execution of contracts. For the purposes of this provision, the terms set forth in PPRA Rules /Act shall be applicable:
 - a. The Procuring Agency will debar a firm/company Bidder or what so ever named, in accordance with Blacklisting procedures under Public Procurement Rules 2004 in any case if deems so
- ii. Furthermore, Bidder shall be aware of the provision stated in the General Conditions of Contract.

22. Blacklisting Mechanism

- i. The Procuring Agency may, under the PPRA or any other applicable Law (s) for a specified period, debar a Bidder from participating in any public procurement process of the Procuring Agency, if the Bidder has:
 - a. acted in a manner detrimental to the public interest or good practices.
 - b. consistently failed to perform his obligation under the contract.





- c. not performed the contract up to the mark.
- d. indulged in any corrupt practice.
- ii. If Procuring Agency debars a Bidder, the procuring agency.
 - a) shall forward the decision to the Public Procurement Regulatory Authority (PPRA) for publication on the website of the PPRA.
 - b) may request the PPRA to debar the Bidder for procurement of all procuring agencies.
- iii. The Procuring Agency has right to take any legal action against the Bidder or company if he/they are found involve in corrupt practice in addition to blacklisting.

23. Completion of Work/ Supply of goods

- i. The authorized person of the Procuring Agency shall issue a satisfactory performance certificate to the Bidder on the completion of the such work/ delivery of goods entrusted to him through the contract by the Procuring Agency.
- ii. On basis of this completion certificate the contractor shall claim the payment from the Procuring Agency.

24. Instruction Regarding Letter of Credit Cases

- i. L/C request should be sent to the State Bank through concerned quarters well in time so that it should be established keeping in view the date of shipment/ validity given in the L/C request. Similarly, the L/C request should be sent well in time of the last date of registration of freeing exchange amount against the shipping period of stipulated therein.
- ii. L/C request should contain complete address of the beneficiary.
- iii. The objection raised by the State Bank of Pakistan on L.C. Request/ shipping Documents must be dealt with promptly and the State Bank informed within three days of the receipt of the objection.
- iv. Whenever the stores are required to be shipped/ delivered by post parcel, there is no need of calling for bill of Lading. It should be clearly laid down in the A/T as well as L/C request that the stores are required to be dispatched by post parcel.
- v. The name of the Inspection Authority should be clearly mentioned in the A/T as well as L/C request.
- vi. The amount of L/C should always be mentioned in figures as well as words.
- vii. In correspondence with the State Bank, their reference should always be quoted to avoid delay in the disposal of cases.
- viii. Amendments other than those of increase/ decrease in the L/C amount or extension in shipment/ validity may be sent direct to State Bank.
- ix. Request for extension in date of shipment/validity should be dealt with promptly.
- x. L/C register to watch the progress of L/C should be maintained.

Section II 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.



1. Definitions

a. The IBMS (FIA): The Procuring Agency

b. The country: Islamic Republic of Pakistan

c. The Delivery Place / Site is: The place where the store is to be delivered by the firm.

2. Bid Validity

Bids will be valid for 90 days. In case of any extreme reason the Procuring Agency may extend the bid validity period for the same period as per applicable Law (s). In case of any fraud, false document or discrepancy the Procuring Agency reserves the right to initiate a legal proceeding and forfeiting bid security/ performance guarantee including blacklisting of the bidder as per procurement procedure/PPRA Rules 2004 (amended).

3. Termination

The Procuring Agency has the right to scrap the procurement process at any stage before the signing of the contract or to terminate the contract as per his convenience without prior notice or by written notice of seven (7) days. The duration of the contract shall be decided at the time of contract signing, the contact may be for a specific period till the successful completion of the assignment or more or less. In addition to the contract, in case of extended contract, work order shall be issued to the contractor for a specific goods without compromising the rates in accordance with the applicable laws and such work order shall be terminated on its time completion or prior to that as per covenant of Procuring Agency.

4. Firm/Individual Details

Bidders shall submit complete details of their firm/individual, offices, workplaces, and staff along with postal address, Phones / Fax numbers, E-mail and Website information.

5. Goods Detail

The bidders are required to specify make, brand, country of origin and furnish detailed descriptive literature/ catalogue (where applicable) along with their offers for respective items.

6. Import Documents

In case of goods/ items imported origin, the supplier shall produce import documents at the time of inspection to ensure that stores offered for inspection are imported, brand new and in the original packing of the manufacturer. Copy of bill of entries and bill of landing (where applicable) shall be submitted.

7. Warranty & After Sale Service

The offers of warranted products and after sales service would be given preference and the same should clearly be mentioned in the bids. The period of warranty/after sales service shall be as per specification/purchase order and starts from the date of goods/ items delivery. The vendor shall be bound to immediately replace/repair the defective goods/ items or provide after sales service without any charges.

8. Delivery of Goods

i. The required goods are required as per given specifications and approved sample or is

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- specifically described in bidding documents. In case of any confusion/ambiguity in qualifying criteria of inspection, the contents of the specifications will prevail as knock out criteria.
- ii. In case, the approved sample is obsolete by OEM and upgraded model is available in the market, then it will be at the discretion of Procuring Agency to accept the goods with same financial proposal.

9. Accounting Unit

The bids should be submitted on the basis of accounting unit specified in the tender notice otherwise the offer shall be ignored.

10. Documentation Standards

Any erasing/ cutting/ crossing etc. appearing in the offer shall not be allowed and bid shall be considered rejected. Moreover, all pages to the bidding documents must also be properly signed.

11. Affidavit

An affidavit minimum of Rs.100 should be provided by the bidders that their firm/individual has never been blacklisted by any Government Department.

12. Tax Certificate

The bidders should specifically indicate their NTN / GST No. and Circle of the Income Tax Department. Latest Tax return submitted must be included as a proof that the firm is presently a Tax paying business.

13. Violation of Standard Specifications

Goods/ items found not according to the standard specifications will be rejected at the cost of the contractor and may also result in forfeiture of security and blacklisting the firm/individual.

14. Payment to Contractor

Upon receipt of Goods/ Items and the inspection of goods/ items, and after satisfaction the inspection note and the bill for payment will be forwarded to the office of Accountant General Pakistan Revenues, AGPR Islamabad for payment to the contractor.

15. Contract Amendments

No variation in finalized brands/makes/models shall be allowed except in special conditions where the manufacturer has stopped producing or suspended that model or the latest model of similar series or version has been launched by the manufacturer or non-availability due to international mergers of the manufacturers or similar unavoidable constraints. However, in such eventuality the contractor/bidder shall write to the procuring agency well in time but not later than seven days of such occurrence/ development and thereafter procuring agency may consider that application of amendment and decide it keeping in view the Value for Money. Nevertheless, the offered item/ good should not be inferior to the specification set forth in the bidding documents and any cost/ price escalation shall not be acceptable. Save as above any other conditions of the contract may be discussed and amended with the mutual agreement of both parties without amendment in the value of the contract.



16. Assignment

The Supplier shall not assign, in whole or in part, its obligations to any other person/ agent/ sub-agent/ supplier or dealer to perform under this Contract, except with the Procuring Agency's prior written consent.

17. Liquidated Damages in Case of Late Deliveries of Stores

- i. The rate of the liquidated damages shall be 0.1 % of the contract price per day. The maximum amount of liquidated damages for the whole of the goods or part thereof shall be 10% of the contract price.
- ii. The supplier who refuses to pay liquidated damages or delays supplies shall be blacklisted. The Procuring Agency shall make payment of the balance amount after deduction of liquidated damages.
- iii. Recovery of the liquidated damages may be affected from the payments due to the contractors from other purchases being carried out in Procuring Agency.
- iv. The question of refund of liquidated damages may be taken up with Secretary Purchase Committee (within 15 days) on the representations of the affected party and refund in full or part thereof, may be allowed on merits having regard to condoning circumstances obtaining in the case. Before, making the refund the supplier concern should be required to give an undertaking (in writing) to the effect that the decision is acceptable to him and that it shall not be subject to any legal proceedings or arbitration at a later date.
- v. After imposition of Liquidated damages, the firm can prefer an application to the relevant authority within 15 days to review the decision.

18. Settlement of Disputes after issuance of Contract

After signing of procurement contract any dispute between parties of the contract shall be settled through a dispute resolution/ arbitration committee (that shall be Notified or already Notified). Method of resolution would be as under: -

- a. Aggrieved party shall submit an appeal against any decision/ act of the uthority (within 15 days) before Purchase Committee who shall entrust the matter to a three members Resolution/Arbitration Committee to examine the case and submit its recommendations before the Chairman Purchase Committee within 15 days.
 - The affected party can file a revision appeal to the Chairman Purchase ommittee (within 15 days) against the decision after suchannouncement. Before filing such revision, the aggrieved person should be required togive an undertaking (in writing) to the effect that the decision of the Chairman Purchase Committee what so ever shall be acceptable to himand that he shall not utilize any legal forum/ court after the decision of Chairman Purchase Committee or object such decision.

19. Inspection Criteria

The supplier shall afford at his own expenses that authorized person of Procuring Agency shall have full and free access at any time during the contract to the supplier's works. The supplier will make





arrangements for the stores or any part thereof, to be inspected at his premises or at any other place. The supplier shall pay all cost connected with such tests and provide without extra charges all materials, tools, labour and assistance of every kind which the authorized person of Procuring agency may consider necessary for any tests and examination other than special or independent tests, and shall pay all cost attendant thereon failing these facilities (in regard to which the authorized person of Procuring Agency will be the sole Judge) at his own premises for making the tests. The supplier shall bear all the costs associated with it. The supplier shall also provide and deliver free of charge at such place as the authorized person of Procuring agency may direct such material, as he may require for testing by chemical or other analysis or independent testing. In the event of such tests being unsatisfactory and resulting in or leading to the rejection of the stores concerned, the cost of the test will be borne by the supplier which is charged by the Laboratory concerned.

20. Insurance

The goods supplied under the Contract shall be delivered duty paid (DDP) and CIF etc. (where applicable) as mentioned under which risk is transferred to the buyer after having been delivered; hence, marine and inland insurance coverage is Supplier's responsibility. The Supplier shall ensure insurance in advance in full on prevailing premium rates at the time of shipment of the Goods on the behalf of the Procuring Agency for which the cost is inclusive in the Contract Price. Method of Test

The Procuring Agency shall have the right to put all sorts of materials forming part of some or any part thereof, to such test as it may think proper for the purpose of ascertaining whether the same are in accordance with the particulars and to cut out or off, and/ or destroy a portion from each delivery for such purpose without prejudice to this right. During test & trail, the specifications as well as compatibility with Procuring Agency's sample shall also be checked.

Rejection: If any goods/ items are rejected as aforesaid then without prejudice to the foregoing provisions, the Procuring Agency shall be at liberty to: -

- i. Allow the supplier to resubmit goods/ items in replacement of those rejected within a time specified by the Procuring Agency, the contractor bearing the cost of freight on such replacement without being entitled to any extra payment.
- ii. Buy the quantity of the goods/ items rejected or others of a similar nature elsewhere as stated in above clauses at the risk and cost of the supplier/ contractor without effecting the supplier's liability as regards supply of any further consignment due under the contract.
- iii. Terminate the contract and recover from the contractor/ supplier's loss, the Procuring Agency thereby incurs.
- iv. The decision of the Authorized officer of procuring agency as regards rejection as aforesaid



- shall be final and binding on the parties. The contractor/ supplier shall not be entitled to any gain on repurchase.
- v. Contractor/ Suppliers should note that if the goods/ items inspected and released by the specified person of the procuring agency are rejected by the actual user/ consumer and on reinspection of such goods by the procuring agency in the presence of contractor/ supplier's representative it is concluded that rejection is justified in terms and conditions of the contract the goods stand rejected and shall be replaced by the contractor/ supplier at his own risk and cost failing which the goods shall be purchased at his risk and expense.

21. Submission of the Bid

Save as otherwise the bidder shall provide sample with its bid where applicable.

STANDARD FORMS

1.

Tender Notice

Purchase of Hardware, Software,
Plant and Machinery Items.
IBMS (Phase-II) FIA requires sealed bids / tenders:

Sr. No.	Tender Name of Item	QTY	Last date and time for receiving tender/venue	Date and time for opening tender	Bid security (3% of estimated price)	Total Estimated Cost
1	Goods				-do-	

Interested eligible bidders can get the tendered item's specification after submission of written application along with tender fee PKRs...(non-refundable) which shall be issued only during working hours immediately after publication of this tender at the cost of Rs.1000/- from the office of Assistant Director (Logistics) Room No 406, 4rth Floor, FIA Hqrs, Sector G-9/4, Islamabad

Sealed bids are required to reach as per above schedule in the office of Assistant Director (Logistics) Room No 406, 4rth Floor, FIA Hqrs, Sector G-9/4, Islamabad. latest by ________. The bids shall be opened on the same date after 30 minutes of its closing time as mentioned above.

2. Sample Collection Form

To be filled by	Technical Committ	tee of Procuring A	Agency	
Name of Item	Make/Model	Quantity	Detail/observation	Date of Submission





Name of Item Clarification of					
Name of Item Clarification of	Taka Ellad ber	unnling/contractor		BMS (FIA)/ Department(Representative
		uppner/contractor		O1 101 11 0	
	Name of Item	Make/Model	Batch No.	ı	Dated
			-		

3. Performance Guarantee Form

To: Chairman Purchase Committee/Project Director IBMS Phase-II Project Federal Investigation Agency, Headquarters, Sector G-9/4, Islamabad. Whereas [Name of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. [number] dated [date] to supply [description of goods] (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 scheduled bank for the sum of 10% of the total Contract amount as a 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 till period)	day of	,2023
Signature and Seal of the Guarantors	/Bank	

Address Date





Note: It should be valid for a period equal to the warranty period.

The contract will be signed/issued after submission of this Performance Security.





4. Manufacturer Authorization Form Certificate To Be Filled In By Bidder

1. We hereby confirm to have read carefully the description of stores and all the terms & conditions of

	bidding documents/ tender to abide by all terms & condition		ening onfor the sup	ply of_andagree
	2. We also hereby categorically c specification as laid down in your	onfirm that the stores off		e particulars and
	3. We also hereby confirm that schedule period specified in the rights to forfeit our security inc	the store will be supplied the contract and in case of	ed as per tender specificate failure the Procuring Age	
	Name of Bidder: Signature of Bidder:Designation:			4
	Seal:			
		Witness:		
	Name:			
	Signature. Full Address:			
	CNIC #.			
	5.	Contract Form		
	In confirmation	to letter <i>No</i>	, dated	
	-	ONTRACT BETWE Phase-II Project and		
	This agree	ment is executed on		
1.	Contract No.			
2.	Contractor's Name & Address.			
3.	Contractor's reference.			
4.	Contractor's Sales Tax No.			
5.	Indentor's Name & Address.			
6.	Indentor's Indent No. & Date			
7.	Particulars of Stores.		7	
			63	D 26

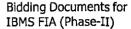


ITE M	DESCRIPTION OF STORES SPECIFICATIONS	Quantity	RATE PER UNIT IN RS.	TOTAL VALUE IN Rs.
1				and the form with the field
•	(As per approved sample and specifications).		(Including all taxes whatsoever)	(only)
8.	Name and Address of Consignee.		1	
9.	Dispatch Instructions.			
10.	Inspection Authority.	- .		
11.	Technical Officer.			
12.	Packing & Marking.	 -		
13.	Delivery Schedule.		.,	
14.	Place of Delivery.			
15.	Payment.			
16.	Part Payment/Part Supply			
17.	Warranty			
	CDT CT + X YMCOND Y COTTO MO			

18. SPECIAL INSTRUCTIONS.

- (a). The general and special conditions shall be the part and parcel of the contract.
- (b). The Contractor should as per terms of the contract submit his Bill on the prescribed Bill form duly machine numbered. In case of any deviation from the above-prescribed procedure the Payment Office will not be responsible for any delay so caused.
- (c). The Contractor is required to issue 'Acknowledgement' immediately on receipt of Cheque from the Payment Officer. In case he fails to acknowledge the Cheque within 07-days, his subsequent payment will be held in abeyance.
- (d). The contractor shall keep the Consignee and Inspection Authority well informed with the supply position.
- (h) In case, any minor deviation / discrepancy is observed in the delivered stores, which can be rectified without effecting the quality of the stores, the Inspection Authority, despite rejecting the whole stores, may direct the supplier to remove the same within the period fixed by the Procuring Agency, with or without imposition of liquidated damages (in case of delay). In case of non-compliance to remove the deviations / discrepancies, within due period, the Inspection Authority will have the right to reject the stores.
- (i) In case of rejection of goods, the supplier shall be bound to replace the stores within stipulated time as decided by the Procuring Agency, with or without imposition of liquidated damages due to delay.
- (j) Suppliers should note that if the stores inspected and released by the Inspection authority are rejected by the consignee or actual user / consumer then the same shall be re-inspected. Re-inspection of such stores by the Inspection Authority shall be in the presence of supplier's representative. If it is concluded that rejection is justified in







term and conditions of contract, stores shall stand rejected and shall be replaced by the contractor at his own risk and cost, failing which the stores shall be purchased at his risk and expense.

19. Liquidated Damage.

The delivery period is essence of the contract. Liquidated damages will be imposed as per Section 36 of the bidding document. If the contractor fails to adhere to the delivery schedule and intends to seek extension thereof, it will be the sole discretion of the procuring agency either to grant or refuse extension in delivery period, on the basis of justification/reasoning provided by the bidder.

A sum of Rs.————————————————————————————————————
Note: Further the bidding documents shall be part of contract.

Chairman Purchase Committee
Project Director IBMS Phase II FIA

(Contractor)

Islamabad.
(Contractee)





6. Purchase Order Form

[On Letter Head]

Purchase Order/Commitment Form

To:	M/s			
			Purchase Order No),
,			Date	
3.	Contractor's reference.			
4.	Contractor's Sales Tax No.			
5.	Indentor's Name & Address.			
6.	Indentor's Indent No. & Date			
7.	Particulars of Stores.		<u> </u>	· · · · · · · · · · · · · · · · · · ·
ITE M,	DESCRIPTION OF STORES SPECIFICATIONS	QTY	RATE PER UNIT IN RS.	TOTAL VALUE IN Rs.
1.	w			
	(As per approved sample and		(Including all taxes	(only)





THE OWNER OF THE OWNER OWN	177N		
8.	Name and Address of Consignee.		_
9.	Dispatch Instructions.		
10.	Inspection Authority.		
11.	Technical Officer.		
12.	Packing & Marking.		
13.	Delivery Schedule.		
14.	Place of Delivery.		
15.	Payment.		
16.	Part Payment/Part Supply		
17.	Warranty		
	Integrity Pact We_(Name of the bidder / supplier) being the participating through agent / representative) is the of the bidder company) hereinafter called the Co(Name of the Procuring Agency)Affirm/Individual Name) has not paid, given or done or employee of the_(Name of the Procuring Age indirectly, for special consideration in the letting of the bidder in the bidding and in the evaluation affrom properly and thoroughly maintaining project specification or other forms of non-compliance.	e agent / representative duly ontractor to submit the attach fant further states that that or agreed to pay, given or ency) any money or thing of of the contract, or for giving and selection of the bidder for	authorized by(Name led bid to the lee said M/s (Bidding donate to any line officer value, either directly or gunder advantage to any contract or for refraining
			Signature & Stamp
	Subscribed and sworn to me thisday	of	
		Notary Pub	olic



8. Delivery & Completion Schedule

[In case of multiple contacts; separate table shall be used for each lot.]

The delivery period shall sta	t as of	
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Item No.	Description of Goods	Delivery Schedule (Duration)	Location	Required Arrival Date of Goods

09. Bidder Profile

Sr.#	Particulars
1.	Name of the company
2.	Registered Office
Address	
Office Telephone Number	
Email:-	
Fax Number	
3.	Contact Person (1)
Name, Cell #	
4.	Contact Person (2)
Name, Cell #	





Personal Telephone Number	
Email Address	
4.	Local office if any
Address	
Office Telephone Number	
Fax Number	
5.	Bid Signing Authority
Name	
Address	
Personal Telephone Number	
Email Address	
Please enclose Authorization or Power of	f Attorney to sign and submit the Bidding
6.	Address for communication under the current Bidding
7.	Registration Details
NTN Registration Number	
GST Registration Number	
Banker's Name, Address and Account N	umbers

a) Bid Security

#	Particulars	Please furnish details
1.	Name of the Bank	
2.	Call Deposit. Pay Order	**************************************
'	Date	

b) Audited Financial Statement Attachment (Last 3 years)

Yes No





c) Details of Experience (Last Five Years)

(i)	Similar Project (Agency/Department)	Item Name
(ii)	Value of total Projects/Tenders/POs	Amount
_		

d) Staff Detail and last month Payroll

Yes No

e) Quality Certificate

Issuing Authority	Relevant Certification





SUMMARY OF ITEMS

	(HARDWARE)	
Sr. #	Item Name	Qty
1.	Computers	292
2.	Camera for immigration counter	100
3.	Ten Print Biometric	74
	(Plant & Machinery)	
4.	Generator 50 KVA (Diesel)	NOT MORE THAN FIVE (05)
5.	Solar (Turnkey Solution) for IBMS Field offices most likely for Wagha Border with India, Chaman Land Route Border with Afghanistan, Taftan Land Route Border with Iran, Gabd (Balochistan) Border with Iran or any other proposed site as per requirements /decision from the executives.	NOT MORE THAN FIVE (05) Detailed RFP is at Annex-A
6.	Fire Detection & Suppression System	1
7.	UPS (2KVA)	338
8.	Cooling Solution for IBMS(FIA) Data Center, FIA Hars, Islamabad	Detailed RFP is at Annex-B
	(Software)	
9.	FRS with 4 years support and warranty	Detailed RFP is at Annex-C
10.	Microsoft Visual Studio (2-Year Subscription)	01
	(Stationary)	
11.	Stationary Items,	Details with Qty (Annex-D)
	(Misc)	
12.	Misc Items,	Details with Qty (Annex-E)





S. #	DESCRIPTION/SPECIFICATIONS	QTY
1.	COMPUTERS / WORKSTATIONS (INT'L BRAND) REQUIREMENTS: 1. WIN10 PROFESSIONAL 64 BIT PREINSTALLED WITH MEDIA KIT. 2. INTEL CORE 15- PROCESSOR NOT LESS THAN 3.9 GIGA HTZ (WITH TURBO BOOST) 3. 16 GB DDR4 RAM 4. 256GB SSD 5. INTEGRATED GRAPHICS CARD 6. GIGABIT NETWORK INTERFACE CARD RJ45 (NIC) + WIFI& BLUETOOTH 7. 19.5" LED 8. KEYBOARD & MOUSE. 9. 3 YEARS STANDARD WARRANTY NOTE: BIDDER PROVIDING THIS SOLUTION MUST BE AUTHORIZED OEM PARTNER, MANUFACTURER AUTHORIZATION LETTER IS ALSO REQUIRED	292
2.	CAMERAS FOR IMMIGRATION COUNTERS BIO METRIYA (BIO DUO) OR EQUIVALENT REQUIREMENTS: CORE SPECIFICATION 1. Resolution: 3 million pixels (dynamic range >100dB), Near Infrared camera: 2M and above resolution 2. Type: RGB plus Infrared with Binocular wide dynamics 3. "Identification Mode: Iris recognition / Face recognition / Multi-model face fusion recognition (Optional)" 4. Liveness Detection: Multi-model face and iris fusion liveness detection 5. Photo flood light: LED and IR dual Photo flood light, Two side NIR sources fill in light (850nm) 6. Video Output Format: MJPEG, YUV 7. Device Frame rate: > 25 Frames 8. Standoff Distance: 40 cm to 70 cm 9. User Height Range: 150 to 190 cm (when installed at 170 cm, real-time tracking) FUNCTION SPECIFICATION 10. User Interface: RED, GREEN & BLUE indicator lights. RED-too close, BLUE-too far & GREEN-appropriate distance 11. Operation System: Windows 7 and above, Android 5.0 and above, Linux 12. Systems Interfaces: USB 2.0 / USB 3.0 13. Integration Interface: C++ SDK 14. User Interaction: RED, GREEN & BLUE indicator lights. RED-too close, BLUE-too far & GREEN-appropriate distance. Built in 1W speaker, which can play voice	100





prompts

15. Mounting Options: Pole mount (Permanent, base stand) - Wall mount (Access control environment) Desktop mount (Office desk, Counters etc.) - Turnstile mount (e-gate)

BIO METRIC SPECIFICATION

- 16. Face Image Quality: Meets / exceeds ISO 29794-5, >120 px between subject eyes
- 17. Face Image Format: Conforms to ISO 19794-5 (JPG)
- 18. Iris Image Quality: Meets / exceeds ISO 29794-6
- 19. Iris Image Format: Conforms to ISO 19794-6 (RAW, BMP, PNG, JPG)
- 20. Face Mask: Acceptable
- 21. Performance: More than 25 frames per second

OTHER

- 22. Power supply: Low DC power consumption. 5V -1A or USB Connectivity or equivalent. Plug and Play
- 23. Rotating Components: Angle sensor, DC motor

3. TEN PRINT BIOMETRIC FOR FINGER PRINTS MODEL NO: THUMB DIGITIZER MORPHO TOP CLASSIC 100 OR EQUIVALENT REQUIREMENTS

- 1. 4.4.2 (THUMB DIGITIZER) OR EQUIVALENT
- 2. THE BIDDER OFFERING RATE FOR THIS ITEM SHOULD HAVE AUTHORIZED DEALERSHIP (OEM). MANUFACTURER'S AUTHORIZATION LETTER (MAL) IS ALSO MANDATORY FOR THIS ITEM.
- 3. USB 2.0 INTERFACE (POWERED BY USB),
- 4. SCANNING TIME LESS THAN 2 SECONDS IN AUTOMATIC MODE,
- 5. 500 DPI IMAGE RESOLUTION,
- 6. COMPATIBLE WITH FBI IQS IAFIS IMAGE QUALITY SPECIFICATION, SUPPORT FOR WINDOWS XP, WINDOWS 7/8 IN 32 AND 64 BIT OPERATING MODES,
- 7. C# NET COMPATIBLE SDK FOR EASY INTEGRATION INCLUDING SUPPORT FOR JAVA API (WINDOWS AND LINUS OS),
- **8.** SUPPORT FOR ISQ 19794-2 CARD COMPACT FINGERPRINT TEMPLATES,
- 9. AUTOMATIC SEGMENTATION OF FOUR FINGER SLAP AND TWO THUMB SLAP IMAGE INTO DISCRETE SINGLE-FINGER IMAGE
- 10. (FBI-CERTIFIED WSQ AND OTHER FORMATS SUCH AS JPEG, BMP ETC),
- 11. REAL-TIME IMAGE QUALITY CHECKING WITH SUPPORT TO HANDLE DAMAGED, BANDAGED OR AMPUTATED FINGERS,
- 12. SUPPORT FOR AUTO CAPTURE ON

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MANUAL MODE, 13. MTBF MORE THAN 50000 HOURS. 14. COMPLIANT WITH FBI 1AFIS-IQS APPENDIX F, ANSI-NIST AND GSA FIPS 201 PIV CERTIFIED& ROHS 15. VERIF LICENSE FOR DE-DUPLICATION CHECK ON DEVICE 16. STANDARD 3-YEAR OEM VERIFIED WARRANTY/GUARANTEE. 4. GENERATOR 50 KVA (DIESEL) SUPPLY INSTALLATION, TESTING AND COMMISSIONING OF 50 KVA DIESEL GENERATOR SET ALONG WITH ATS PANEL, CANOPY, EARTHLING, FOUNDATION PAD AND ALL NECESSARY ARRANGEMENT 1. EQUIPMENT: SKID MOUNTED 50 KVA PRIME GENSET 2. ENGINE MAKE: ISO 3046/BS 5514/DIN 6251 PERKINS (UK), CATERPILLAR (UK), VOLVO (UK), 'U.S. MADE OR EQUIVALENT. CHINA BRAND AND ASSEMBLED IN CHINA IS NOT ALLOWED. 3. PRIME POWER: 45 KVA 4. STANDBY POWER: 45 KVA 4. STANDBY POWER: 50 KVA 5. POWER FACTOR :0.8 6. VOLTAGE (+OR-596): 220/440 VOLTS 7. FREQUENCY: 50 HERTZ 8. SPEED :1500 RPM 9. FUEL TANK: BUILT IN SKID AT-LEAST 8 HOURS OPERATION 10. CANOPY: STANDARD (SOUND AND WEATHER PROOF) SUITABLE FOR 50KVA DG SET. COMPACT WITH THE UNIT. 11. AMF PANEL: COMPLETE WITH AMF PANEL, DEEP SEA OR EQUIVALENT 12. PHASE :03 PHASE 13. ENGINE OUTPUT: 80 HP 14. ASPIRATION AND COOLING: TURBOCHARGED AND WATER COOLED 15. NO. OF CYLINDERS: 3 CYLINDERS IN-LINE 16. HEATING: JACKET WATER HEATER(AT AUTOMATIC MODELS) 17. ALTERNATOR MAKE: STAMFORD, MARRELI, LEROY SOMER OR EQUIVALENT 18. ALTERNATOR MSKE: STAMFORD, MARRELI, LEROY SOMER OR EQUIVALENT 18. ALTERNATOR: DG SET IEC -60034-ISUITABLE FOR ABOVE	WEE14		
13. MTBF MORE THAN 50000 HOURS. 14. COMPLIANT WITH FBI IAFIS-IQS APPENDIX F, ANSI-NIST AND GSA FIPS 201 PIV CERTIFIED& ROHS 15. VERIF LICENSE FOR DE-DUPLICATION CHECK ON DEVICE 16. STANDARD 3-YEAR OEM VERIFIED WARRANTY/GUARANTEE. 4. GENERATOR 50 KVA (DIESEL) SUPPLY INSTALLATION, TESTING AND COMMISSIONING OF 50 KVA DIESEL GENERATOR SET ALONG WITH ATS PANEL, CANOPY, EARTHLING, FOUNDATION PAD AND ALL NECESSARY ARRANGEMENT 1. EQUIPMENT: SKID MOUNTED 50 KVA PRIME GENSET 2. ENGINE MAKE: ISO 3046/BS 5514/DIN 6251 PERKINS (UK), CATERPILLAR (UK), VOLVO (UK). / U.S. MADE OR EQUIVALENT. CHINA BRAND AND ASSEMBLED IN CHINA IS NOT ALLOWED. 3. PRIME POWER: 45 KVA 4. STANDBY POWER: 50 KVA 5. POWER FACTOR :0.8 6. VOLTAGE (+OR-5%): 220/440 VOLTS 7. FREQUENCY: 50 HERTZ 8. SPEED :1500 RPM 9. FUEL TANK: BUILT IN SKID AT-LEAST 8 HOURS OPERATION 10. CANOPY: STANDARD (SOUND AND WEATHER PROOF) SUITABLE FOR 50KVA DG SET. COMPACT WITH THE UNIT. 11. AMF PANEL: COMPLETE WITH AMF PANEL, DEEP SEA OR EQUIVALENT 12. PHASE :03 PHASE 13. ENGINE OUTPUT: 80 HP 14. ASPIRATION AND COOLING: TURBOCHARGED AND WATER COOLED 15. NO. OF CYLINDERS: 3 CYLINDERS IN-LINE 16. HEATING: JACKET WATER HEATER(AT AUTOMATIC MODELS) 17. ALTERNATOR MAKE: STAMFORD, MARRELI, LEROY SOMER OR EQUIVALENT 18. ALTERNATOR MAKE: STAMFORD, MARRELI, LEROY SOMER OR EQUIVALENT 18. ALTERNATOR DESET IEC -60034-1SUITABLE FOR ABOVE		SLAP/FINGERS PLACEMENT AS WELL AS	
14. COMPLIANT WITH FBI IAFIS-IQS APPENDIX F, ANSI-NIST AND GSA FIPS 201 PIV CERTIFIED& ROHS 15. VERIF LICENSE FOR DE-DUPLICATION CHECK ON DEVICE 16. STANDARD 3-YEAR OEM VERIFIED WARRANTY/GUARANTEE. 4. GENERATOR 50 KVA (DIESEL) SUPPLY INSTALLATION, TESTING AND COMMISSIONING OF 50 KVA DIESEL GENERATOR SET ALONG WITH ATS PANEL, CANOPY, EARTHLING, FOUNDATION PAD AND ALL NECESSARY ARRANGEMENT 1. EQUIPMENT: SKID MOUNTED 50 KVA PRIME GENSET 2. ENGINE MAKE: ISO 3046/BS 5514/DIN 6251 PERKINS (UK), CATERPILLAR (UK), VOLVO (UK), / U.S. MADE OR EQUIVALENT. CHINA BRAND AND ASSEMBLED IN CHINA IS NOT ALLOWED. 3. PRIME POWER: 45 KVA 4. STANDBY POWER: 50 KVA 5. POWER FACTOR: 0.8 6. VOLTAGE (+OR-5%): 220/440 VOLTS 7. FREQUENCY: 50 HERTZ 8. SPEED: 1500 RPM 9. FUEL TANK: BUILT IN SKID AT-LEAST 8 HOURS OPERATION 10. CANOPY: STANDARD (SOUND AND WEATHER PROOF) SUITABLE FOR 50KVA DG SET. COMPACT WITH THE UNIT. 11. AMF PANEL: COMPLETE WITH AMF PANEL, DEEP SEA OR EQUIVALENT 12. PHASE: 03 PHASE 13. ENGINE OUTPUT: 80 HP 14. ASPIRATION AND COOLING: TURBOCHARGED AND WATER COOLED 15. NO. OF CYLINDERS: 3 CYLINDERS IN-LINE 16. HEATING: JACKET WATER HEATER(AT AUTOMATIC MODELS) 17. ALTERNATOR MAKE: STAMFORD, MARRELI, LEROY SOMER OR EQUIVALENT 18. ALTERNATOR COSET IEC -60034- 1SUITABLE FOR ABOVE		MANUAL MODE,	
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PRIME GENSET 2. ENGINE MAKE: ISO 3046/BS 5514/DIN 6251 PERKINS (UK), CATERPILLAR (UK), VOLVO (UK). / U.S. MADE OR EQUIVALENT. CHINA BRAND AND ASSEMBLED IN CHINA IS NOT ALLOWED. 3. PRIME POWER: 45 KVA 4. STANDBY POWER: 50 KVA 5. POWER FACTOR :0.8 6. VOLTAGE (+OR-5%): 220/440 VOLTS 7. FREQUENCY: 50 HERTZ 8. SPEED :1500 RPM 9. FUEL TANK: BUILT IN SKID AT-LEAST 8 HOURS OPERATION 10. CANOPY: STANDARD (SOUND AND WEATHER PROOF) SUITABLE FOR 50KVA DG SET. COMPACT WITH THE UNIT. 11. AMF PANEL: COMPLETE WITH AMF PANEL, DEEP SEA OR EQUIVALENT 12. PHASE :03 PHASE 13. ENGINE OUTPUT: 80 HP 14. ASPIRATION AND COOLING: TURBOCHARGED AND WATER COOLED 15. NO. OF CYLINDERS: 3 CYLINDERS IN-LINE 16. HEATING: JACKET WATER HEATER(AT AUTOMATIC MODELS) 17. ALTERNATOR MAKE: STAMFORD, MARRELI, LEROY SOMER OR EQUIVALENT 18. ALTERNATOR 1DG SET IEC -60034- 1SUITABLE FOR ABOVE	1		_ <
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1SUITABLE FOR ABOVE			
		18. ALTERNATOR :DG SET IEC -60034-	
DECICNI DELICHIECO CINCLE DEADING			
19. DESIGN: DRUSTILESS SINGLE BEARING,		19. DESIGN: BRUSHLESS SINGLE BEARING,	





REVOLVING FIELD, 2/3 PITCH, SINGLE BEARING, FLEXIBLE DISC 20. INSULATION SYSTEM: CLASS H 21. STANDARD TEMPERATURE RISE 125 -163°C CONTINUOUS 22. EXCITER TYPE: SELF-EXCITED 23. PROTECTION: STANDARD DEGREE OF PROTECTION: STANDARD DEGREE OF PROTECTION IP21 24. ATS PANEL ACCESSORIES: COMPLETE WITH FITTINGS. 25. GENERATOR METERING PHASE: VOLT METER, AMPERE METER, SELECTOR SWITCH, FREQUENCY METER, GENERATOR SET MONITORING, DC VOLTAGE, COOLANT TEMPERATURE, OIL PRESSURE, HOUR RUN TIME, RPM CONTROLS, START STOP CONTROL, VOLTAGE CONTROL. 26. LCD : CONTROL LCD BRIGHTNESS IN LOW BRIGHTNESS ENVIRONMENT 27. STANDARD NDICATIONS LOW OIL PRESSURE SHUT DOWN, HIGH COOLANT TEMPERATURE SHUT DOWN, EMERGENCY STOP SHUTDOWN. 28. POWER CABLE: 35-50 MMSQ 4CORE 29. CONTROL CABLE: 2.5 MMSQ 8CORE 29. SYNCHRONIZATION NOUNTINGS: ANTI VIBRATION MOUNTINGS: ANTI VIBRATION FOR THE SECURITY OF THE SECURITY	1511		
20. INSULATION SYSTEM: CLASS H 21. STANDARD TEMPERATURE RISE 125 -163°C CONTINUOUS 22. EXCITER TYPE: SELF-EXCITED 23. PROTECTION: STANDARD DEGREE OF PROTECTION IP21 24. ATS PANEL ACCESSORIES: COMPLETE WITH FITTINGS. 25. GENERATOR METERING PHASE: VOLT METER, AMPERE METER, SELECTOR SWITCH, FREQUENCY METER, GENERATOR SET MONITORING, DC VOLTAGE, COOLANT TEMPERATURE, OIL PRESSURE, HOUR RUN TIME, RPM CONTROLS, START STOP CONTROL, VOLTAGE CONTROL 26. LCD: CONTROL LCD BRIGHTNESS IN LOW BRIGHTNESS ENVIRONMENT 27. STANDARD INDICATIONS LOW OIL PRESSURE SHUT DOWN, HIGH COOLANT TEMPERATURE SHUT DOWN, EMERGENCY STOP SHUTDOWN. 28. POWER CABLE: 32-50 MMSQ 4CORE 29. CONTROL CABLE: 2.5 MMSQ 8CORE 30. SYNCHRONIZATION SYNCHRONIZATION OF 1*50 KVA DG SETS (LOAD SYNC) 31. ANTI VIBRATION MOUNTINGS: ANTI VIBRATION MOUNTINGS: ANTI VIBRATION MOUNTINGS: TITTED BETWEEN THE ENGINE/ALTERNATOR FEET AND BASE 27. RCC FOUNDATION: RCC FOUNDATION 18" DEPTH AND EARTHLING 30. SERVICES: SUPPLY, COMPLETE INSTALLATION, TESTING AND COMMISSIONING WITH FOUNDATION PAD AND EARTHLING 5. SOLAR SOLUTION (TURNKEY) FOR IBMS (FLA) MOST LIKELY FOR WAGHA BORDER WITH INDIA, CHAMAN LAND ROUTE BORDER WITH IRAN, GABD (BALOCHISTAN) BORDER WITH IRAN, GABD (BALOCHISTAN) BORDER WITH IRAN OR ANY OTHER PROPOSED SITE AS PER REQUIREMENTS //DECISION FROM THE EXECUTIVES. 6. FIRE DETECTION & SUPPRESSION SYSTEM 1. SCOPE OF WORK TO BE DONE UNDER THIS		REVOLVING FIELD, 2/3 PITCH, SINGLE	
21. STANDARD TEMPERATURE RISE 125 -163°C CONTINUOUS 22. EXCITER TYPE: SELF-EXCITED 23. PROTECTION: STANDARD DEGREE OF PROTECTION: STANDARD DEGREE OF PROTECTION IP21 24. ATS PANEL ACCESSORIES: COMPLETE WITH FITTINGS. 25. GENERATOR METERING PHASE: VOLT METER, AMPERE METER, SELECTOR SWITCH, FREQUENCY METER, GENERATOR SET MONITORING, DC VOLTAGE, COOLANT TEMPERATURE, OIL PRESSURE, HOUR RUN TIME, RPM CONTROLS, START STOP CONTROL, VOLTAGE CONTROL 26. LCD : CONTROL LCD BRIGHTNESS IN LOW BRIGHTNESS ENVIRONMENT 27. STANDARD INDICATIONS LOW OIL PRESSURE SHUT DOWN, HIGH COOLANT TEMPERATURE SHUT DOWN, EMERGENCY STOP SHUTDOWN. 28. POWER CABLE: 35-50 MMSQ 4CORE 29. CONTROL CABLE: 2.5 MMSQ 8CORE 30. SYNCHRONIZATION SYNCHRONIZATION OF 1*50 KVA DG SETS (LOAD SYNC) 31. ANTI VIBRATION MOUNTINGS: ANTI OUT OF 1*50 KVA DG SETS (LOAD SYNC) 35. SERVICES: SUPPLY, COMPLETE INSTALLATION; RCC FOUNDATION 18" DEPTH AND EARTHLING 36. SERVICES: SUPPLY, COMPLETE INSTALLATION TESTING AND COMMISSIONING WITH FOUNDATION PAD AND EARTHLING 37. SERVICES: SUPPLY, COMPLETE INSTALLATION (TURNKEY) FOR IBMS (FIA) MOST LIKELY FOR WAGHA BORDER WITH IRAN, GABD (BALOCHISTAN) BORDER WITH IRAN, GABD (BALOCHISTAN) BORDER WITH IRAN OR ANY OTHER PROPOSED SITE AS PER REQUIREMENTS //DECISION FROM THE EXECUTIVES. 4. FIRE DETECTION & SUPPRESSION SYSTEM 4. SCOPE OF WORK TO BE DONE UNDER THIS		BEARING, FLEXIBLE DISC	,
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DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE **DETECTION&** SUPPRESSION SYSTEM WITH FK-5-1-12,FIRE SUPPRESSION SYSTEM WITH CONTROL PANEL. AUTOMATIC DETECTORS, MANUAL STATION, NOTIFICATION APPLIANCES, ABORT SWITCH, MANUAL RELEASE STATION. AGENT RELEASE MODULE, RELAY MODULE, MONITOR MODULE, REMOTE ALARM LED AND AUTO GAS FIRE SUPPRESSION SYSTEM (FK-5-1-12) COMPLETE WITH CYLINDER ASSEMBLY, CYLINDER MANIFOLD, (WHERE APPLICABLE), FACTORY FILLED CONTAINERS EQUIPPED WITH DISCHARGE VALVE, SAFETY PLUG, FILL PORT, IMPULSE VALVE OPERATOR/ SOLENOID VALVE. DISCHARGE PRESSURE SWITCH, **PRESSURE** GAUGES, DISCHARGE NOZZLES, BLACK STEEL SCHEDULE 40 PIPING NETWORK WITH ALL ACCESSORIES, PAINTING / FINISHING, TESTS SPECIFIED HEREIN AND/OR DIRECTED BY THE ENGINEER.

2. APPLICABLE STANDARDS AND PUBLICATIONS:

THE DESIGN, EQUIPMENT, INSTALLATION, TESTING AND MAINTENANCE OF THE CLEAN AGENT SYSTEM SHALL BE IN COMPLIANCE AND ACCORDANCE WITH THE APPLICABLE REQUIREMENTS SET FORTH IN THE LATEST **EDITION** OF THE **FOLLOWING** CODES. STANDARDS:

- i. NFPA NO.2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS
- ii. NFPA NO. 70 NATIONAL ELECTRICAL CODE
- iii. NFPA NO. 101- LIFE SAFETY CODE
- iv. VDS APPROVED
- v. UNDERWRITERS LABORATORY FK-5-1-12 CLEAN AGENT.
 - 3. ENVIRONMENTAL PROPORTIES
- i. NO OZONE DEPLETION POTENTIAL ODP 0
- ii. LOW GLOBAL WARMING POTENTIAL GWP 1
- iii. ATMOSPHERIC LIFE TIME LESS THAN 140 HOURS
 - 4. QUALITY ASSURANCE:
 - 4.1 MANUFACTURER:

4.1.1 THE MANUFACTURER OF THE FIRE ALARM SYSTEM AND CLEAN AGENT SYSTEM HARDWARE SHALL HAVE A MINIMUM OF 15YEARS' EXPERIENCE IN THE DESIGN AND MANUFACTURE OF SIMILAR TYPES OF





SUPPRESSION SYSTEMS AND W.H.O REFER TO SIMILAR INSTALLATIONS PROVIDING SATISFACTORY SERVICE.

4.1.2 SYSTEM SHALL BE VDS CERTIFIED.

4.2 INSTALLER:

- **4.2.1** THE INSTALLING CONTRACTOR SHALL BE TRAINED BY THE SUPPLIER TO DESIGN, INSTALL, TEST AND MAINTAIN A CLEAN AGENT SYSTEM.
- 4.2.2 THE INSTALLING CONTRACTOR SHALL BE AN EXPERIENCED FIRM REGULARLY ENGAGED IN THE INSTALLATION OF AUTOMATIC CLEAN AGENT, OR SIMILAR, FIRE SUPPRESSION SYSTEMS IN STRICT ACCORDANCE WITH ALL APPLICABLE STANDARDS.
- 4.2.3 THE INSTALLING CONTRACTOR MUST HAVE A MINIMUM OF FIVE (5) YEARS EXPERIENCE IN THE DESIGN, INSTALLATION AND TESTING OF CLEAN AGENT, OR SIMILAR, FIRE SUPPRESSION SYSTEMS. A LIST OF SYSTEMS OF A SIMILAR NATURE AND SCOPE SHALL BE PROVIDED ON REQUEST.
- **4.2.4** THE INSTALLING CONTRACTOR SHALL BE AN AUTHORIZED STOCKING DISTRIBUTOR OF THE CLEAN AGENT SYSTEM EQUIPMENT SO THAT IMMEDIATE REPLACEMENT PARTS ARE AVAILABLE FROM INVENTORY.

4.3 ORIGIN OF SUPPLY:

COMPLETE EQUIPMENT AND MATERIAL TO BE SUPPLIED UNDER THE CONTRACT SHALL BE OF IMPORTED ORIGIN AND SHALL BE PROVIDED FROM USA / WESTERN EUROPE ORIGIN. HOWEVER, PIPE MAY BE OF LOCAL ORIGIN AS PER SPECIFICATIONS.

5. **FIRE SUPPRESSION SYSTEM:**

5.1 SYSTEM SEQUENCE OF OPERATION:

AUTOMATIC OPERATION OF EACH PROTECTED AREA SHALL BE AS FOLLOW:

- **5.1.1** ACTUATION OF ONE (1) DETECTOR, WITHIN THE SYSTEM, SHALL:
- **5.1.2** ILLUMINATE THE "ALARM" LAMP ON THE CONTROL PANEL FACE.
- **5.1.3** ENERGIZE AN ALARM BELL AND/OR AN OPTIONAL VISUAL INDICATOR.
- 5.2 TRANSFER SETS OF 5 AMP RATED AUXILIARY CONTACTS WHICH CAN PERFORM AUXILIARY SYSTEM FUNCTIONS SUCH AS:
- 5.2.1) OPERATE DOOR HOLDER/CLOSURES ON





- ACCESS DOORS (IF APPLICABLE).
- **5.2.2)** TRANSMIT A SIGNAL TO A FIRE ALARM SYSTEM.
- **5.2.3)** SHUTDOWN COOLING SYSTEM (EQUIPMENT, IF APPLICABLE).
- **5.2.4)** LIGHT AN INDIVIDUAL LAMP ON AN OPTIONAL GRAPHIC ANNUNCIATOR. (IF APPLICABLE)
- **5.3** ACTUATION OF A 2ND DETECTOR, WITHIN THE SYSTEM, SHALL:
- **5.3.1** ENERGIZE A PRE-DISCHARGE HORN OR HORN/STROBE DEVICE.
- **5.3.2** SHUT DOWN THE COOLING SYSTEM AND/OR CLOSE DAMPERS (IF APPLICABLE).
- **5.3.3** START TIME-DELAY SEQUENCE (NOT TO EXCEED 40 SECONDS).
- **5.3.4** SYSTEM ABORT SEQUENCE IS ENABLED AT THIS TIME.
- **5.3.5** LIGHT AN INDIVIDUAL LAMP ON AN OPTIONAL GRAPHIC ANNUNCIATOR. (IF APPLICABLE)
- **5.4** AFTER COMPLETION OF THE TIME-DELAY SEQUENCE, THE CLEAN AGENT FIRE SUPPRESSION SYSTEM SHALL ACTIVATE AND THE FOLLOWING SHALL OCCUR:
- **A.** ILLUMINATE A "RELEASE" LAMP ON THE CONTROL PANEL FACE.
- **B.** SHUTDOWN OF ALL POWER TO HIGH-VOLTAGE EQUIPMENT
- C. ENERGIZE A VISUAL INDICATOR(S) OUTSIDE THE HAZARD IN WHICH THE DISCHARGE OCCURRED.
- **D.** ENERGIZE A "SYSTEM RELEASE" AUDIBLE DEVICE. (IF APPLICABLE)
- **5.5** THE SYSTEM SHALL BE CAPABLE OF BEING ACTUATED BY MANUAL DISCHARGE DEVICES LOCATED.
- AT CYLINDER AND AT PANEL. OPERATION OF A MANUAL DEVICE SHALL DUPLICATE THE SEQUENCE DESCRIPTION ABOVE EXCEPT THAT THE TIME DELAYS AND ABORT FUNCTIONS SHALL BE BY PASSED. THE MANUAL DISCHARGE STATION SHALL BE OF THE ELECTRICAL ACTUATION TYPE AND SHALL BE SUPERVISED AT THE MAIN CONTROL PANEL.
- **5.6** THE SYSTEM SHALL BE CAPABLE OF PROVIDING A "PRE-ALARM" FEATURE THAT CAN GIVE ADVANCED WARNING OF A POSSIBLE





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	ALARM CONDITION.	
	5.7 TEN YEARS PARTS AVAILABILITY AND	
	SUPPORT SERVICES REQUIRED FROM LOCAL	
	PARTNER.	
	FIRE SUPPRESSION SYSTEM SHALL BE	
	INSTALLED IN DATA CENTER:	}
7.	2KVA UPS	
'	WITH ALL REQUIRED ACCESSORIES AND	
	CABLES.	
	REQUIREMENTS	
	1. UPS RATING 2KVA/1800W	
	2. FULL DSP CONTROLLED, ADOPT 3-LEVEL-	
	INVERTER TECHNOLOGY, ONLINE DOUBLE	
	CONVERSION, 1/1 PHASE PURE SINE WAVE	
	UPS, WITH MULTI-FUNCTIONAL AND HIGH	
	AVAILABLE DESIGN, SYSTEM OVERALL	
	EFFICIENCY ABOVE 85%, UPS CAN BE	
]]	DEFINED AS A HIGH RELIABILITY AND]
	ENERGY SAVING GREEN POWER	
	3. INPUT VOLTAGE WINDOW 110~300VAC (ON	
	HALF LOAD) 110~275VAC (ON FULL LOAD)	
	4. INPUT FREQUENCY 44~56HZ OR 54HZ~66HZ	
	±10HZ (ADJUSTABLE)	
1	5. INPUT THDI \leq 3% LINEAR LOAD, \leq 5% NON-	
	LINEAR LOAD	
	6. OUTPUT PUT FREQUENCY:	
	50HZ±0.1% (BATTERY MODE)	338
	7. OUTPUT POWER FACTOR 0.8	
	8. 10 MINUTES BACKUP TIME ON FULL LOAD	
		ļ
	WITH BUILT-IN BATTERIES 8 X 12V-9AH.	
	9. DISTORTION: < 2% (LINEAR FULL LOAD,	
	<4% (100% NON-LINEAR FULL LOAD)	İ
	10. INVERTER EFFICIENCY >85%	
	11. PROTECTION: SHORT CIRCUIT AUTO	
	PROTECTION, OUTPUT VOLTAGE/CURRENT,	
	OUTPUT ABNORMAL, OUTPUT AUTO LOCKED.	
	•	
	12. NOISE SUPPRESSION: EMI/RFI WAVE FILTER,	
	UNIVERSAL IEC SOCKETS	
	13. SAFETY STANDARD: EN/IEC 62040-1, EN/IEC	
	62040-2 (CERTIFICATES REQUIRED), CE	
	MARKING REQUIRED,	
ļ	14. OVERALL EFFICIENCY: > 85% (UNDER ECO	
	MODE)	
	15. LCD DISPLAY: MULTI-LANGUAGE WITH ALL	
	KINDS OF MESSAGES. INPUT/ OUTPUT	
	MINDS OF MESSAGES. INPUT/ OUTPUT	





HOAH A		
	/BYPASS STATUS, ECO MODE, CHARGING	
	STATUS, LOAD STATUS, RECTIFIER STATUS,	
	INV. TEMP, LED INDICATORS: UPS STATES	
	INDICATOR	
	16. SERVICE PROVIDER MUST BE ISO 9001, ISO	
	20000 , ISO7001	
1	17. WARRANTY: 3 YEARS INCLUDING UPS AND	
	BATTERIES	
	NOTE: BIDDER PROVIDING THIS SOLUTION	
	MUST BE AUTHORIZED OEM PARTNER;	
	MANUFACTURER AUTHORIZATION LETTER IS	
	ALSO REQUIRED.	
8.	COOLING SOLUTION FOR IBMS(FIA) DATA	Details at Annex-B
	CENTER, FIA HQRS, ISLAMABAD	Details at Annex-D
9.	FACIAL RECOGNITION SYSTEM (SOFTWARE)	Details at Annex-C
	WITH 4-YEAR SUPPORT & WARRANTY	Details at Finnex C
10.	MICROSOFT VISUAL STUDIO PROFESSIONAL	
	LATEST	
	(TWO-YEAR SUBSCRIPTION)	
	1. HAVING FEATURE OF SOURCE CONTROL	
	MANAGEMENT, AND ARTIFACT REPOSITORY.	01
	 64-BIT APPLICATION ABILITY TO BUILD MODERN APPS 	01
	4. SYSTEM COMPATIBLE	
	5. ONE YEAR LICENSE SUBSCRIPTION	
	6. ONLINE REGISTERED	
	. OHDINE KEOIDIEKED	
11.	STATIONARY ITEMS	ANNEX-D
12.	MISC. ITEMS	ANNEX-E

