



Instructions to Bidders

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A. General

1. Scope of Bid

- 1.1 The Employer, as defined in the Bid Data Sheet (BDS), invites bids for the rehabilitation and construction of Works, as described in the BDS. The name and procurement reference number of the Contract are provided in the BDS. The Instructions to Bidders (ITB) should be read in conjunction with the BDS.
- 1.2 The successful Bidder will be expected to complete the rehabilitation and construction Works by the Completion Date specified in the Conditions of Contract (CC) Part II: Particular Conditions.
- 1.3 Throughout this Bidding Document:
 - (a) the “Employer” means the Employer; and
 - (b) the “Contractor” means the provider

As defined in **the ASB Procurement Policy, 2018**.

2. Source of Funds

- 2.1 The Employer has an approved budget from their donor partner funds towards the cost of the procurement named in the BDS. The Employer intends to use these funds to place a contract for which this Bidding Document is issued.
- 2.2 Payments will be made directly by the Employer and will be subject in all respects to the terms and conditions of the resulting contract placed by the Employer.

3. Corrupt Practices

- 3.1 It is ASB’s policy to require that Employers, as well as Bidders and Contractors, observe the highest standards of ethics during procurement and the execution of contracts. In pursuit of this policy, ASB represented by the Procurement Committee (herein referred to as the Authority);
 - (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” includes the offering, giving, receiving, or soliciting of anything of value to influence the action of a ASB staff in the procurement process or in contract execution; and
 - (ii) “fraudulent practice” includes a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the

detriment of the Employer, and includes collusive practices among Bidders prior to or after bid submission designed to establish bid prices at artificial, non-competitive levels and to deprive the Employer of the benefits of free and open competition;

- (b) will reject a recommendation for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract; and
 - (c) will suspend a Contractor from engaging in any procurement proceeding for a stated period of time, if it at any time determines that the Contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract.
- 3.2 In pursuit of the policy defined in ITB Sub-Clause 3.1, the Employer may terminate a contract for Works if it at any time determines that corrupt or fraudulent practices were engaged in by representatives of the Employer or of a Bidder or Contractor during the procurement or the execution of that contract, without the Employer having taken timely and appropriate action satisfactory to the to remedy the situation.
- 3.3 In pursuit of the policy defined in ITB Sub-Clause 3.1, ASB requires representatives of both the Employer and of Bidders and Contractors to adhere to the relevant codes of ethical conduct. The Code of Ethical Conduct for Bidders and Providers is available in the Procurement Policy are required to indicate their acceptance of this code through the declarations in the Bid Submission Sheet.
- 3.4 Any communications between a Bidder and the Employer related to matters of alleged fraud or corruption must be made in writing and addressed to the Country Representative of ASB.

4. Eligible Bidders

- 4.1 A Bidder, and all parties constituting the Bidder, shall meet the following criteria to be eligible to participate in public procurement:
- (a) the bidder has the legal capacity to enter into a contract;
 - (b) the bidder is not:
 - (i) insolvent;
 - (ii) in receivership;
 - (iii) bankrupt; or
 - (iv) being wound up
 - (c) the bidder's business activities have not been suspended;
 - (d) the bidder is not the subject of legal proceedings for any of the circumstances in (b); and
 - (e) The bidder has fulfilled his or her obligations to pay taxes.
- 4.2 A Bidder may be a natural person, private entity, government-owned entity—subject to ITB Sub-Clause 4.6—or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a joint venture, consortium, or association. Joint ventures, consortia and associations shall comply with the requirements of ITB Clause 6.
- 4.3 A Bidder, and all parties constituting the Bidder including sub-contractors, shall have the nationality of Iraq, in accordance with Section 5, Eligible Countries. A Bidder shall be

deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors for any part of the Contract.

- 4.4 A Bidder, and all parties constituting the Bidder including sub-contractors, shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
- (a) have controlling shareholders in common; or
 - (b) receive or have received any direct or indirect subsidy from any of them; or
 - (c) have the same legal representative for purposes of this bid; or
 - (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or
 - (e) Submit more than one bid in this bidding process, except for alternative bids permitted under ITB Clause 19. However, this does not limit the participation of subcontractors in more than one bid, or as Bidders and subcontractors simultaneously; or
 - (f) is associated, or has been associated in the past, directly or indirectly, with the consultant or any other entity that has prepared the design, specifications, and other documents for the Project or being proposed as Project Manager for the Contract. A firm that has been engaged by the Employer to provide consulting services for the preparation or supervision of the Works, and any of its affiliates, shall not be eligible to bid.
- 4.5 Government-owned enterprises shall be eligible only if they can establish that they are legally and financially autonomous and operate under commercial law.
- 4.6 Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer, as the Employer shall reasonably request.
- 4.7 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the eligibility declarations in the Bid Submission Sheet, included in Section 4, Bidding Forms and submit the documents required in Section 3, Evaluation Methodology and Criteria.
- 4.9 A Bidder whose circumstances in relation to eligibility change during a procurement process or during the execution of a contract shall immediately inform the Employer.
- 4.10 All materials, equipment and services to be used in the performance of the contract shall have as their country of origin an eligible country in accordance with Section 5, Eligible Countries.

5. Qualification of the Bidder

- 5.1 To establish its qualifications to perform the Contract, the Bidder shall complete and submit:
- (a) the Qualification information in the formats provided in Section 4, Bidding Forms: Part B; and

- (b) the information and documents stated in Section 3, Evaluation Methodology and Criteria.
- 5.2 The qualifications of the Bidders will be assessed as part of a preliminary examination in accordance with ITB Clause 30.4.

6. Joint Ventures, Consortia and Associations

- 6.1 If a Bidder considers that it does not have all the expertise for the assignment, it may obtain a full range of expertise by associating with other Bidder(s)/Consultant(s) or entities in a joint venture or by sub-contracting as appropriate.
- 6.2 Bids submitted by a joint venture, consortium or association of two or more firms as partners shall comply with the following requirements:
 - (a) the bid shall be signed so as to be legally binding on all partners;
 - (b) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
 - (c) one of the partners will be nominated as being in charge, authorized to incur liabilities, and receive instructions for and on behalf of any and all partners; and
 - (d) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge; and
 - (e) A copy of the agreement entered by the joint venture partners shall be submitted with the bid.

7. One Bid per Bidder

- 7.1 Each Bidder shall submit only one Bid, either individually or as a partner in a joint venture, consortium or association. A Bidder who submits or participates in more than one bid will cause all the bids with the Bidder's participation to be rejected.

8. Cost of Bidding

- 8.1 The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the Employer shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

9. Site Visit

- 9.1 The Bidder, at the Bidder's own responsibility and risk, is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.

B. Bidding Document

10. Content of Bidding Document

- 10.1 The Bidding Document consists of Parts 1, 2, and 3, which includes all the Sections indicated below, and should be read in conjunction with any addenda issued in accordance with ITB Clause 12.

PART 1: Bidding Procedures

- Section 1. Instructions to Bidders (ITB)
- Section 2. Bid Data Sheet (BDS)
- Section 3. Evaluation Methodology and Criteria
- Section 4. Bidding Forms
- Section 5. Eligible Countries.

PART 2: Employer's Requirements

- Section 6. Employer's Requirements

10.2 The Bid Notice is not part of the Bidding Document.

10.3 Bidders can obtain the Bidding Document directly from the Employer, Employer's address indicated in the BDS or from the following online site: <https://ngosjobs-bids.com/ngo-login>., bids will be rejected during evaluation.

10.4 The Bidder is expected to examine all instructions, forms, terms, and requirements in the Bidding Document. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the bid.

11. Clarification of Bidding Document

11.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact the Employer in writing at the Employer's address indicated in the BDS. The Employer will respond in writing to any request for clarification, provided that such request is received no later than the number of days prior to the deadline for submission of bids indicated in the BDS. The Employer shall forward copies of its response to all Bidders who have acquired the Bidding Document directly from it, including a description of the inquiry but without identifying its source. Should the Employer deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB Clause 12 and ITB Sub-Clause 22.2.

12. Amendment of Bidding Document

12.1 At any time prior to the deadline for submission of bids, the Employer may amend the Bidding Document by issuing addenda.

12.2 Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document directly from the Employer.

12.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 22.2.

C. Preparation of Bids

13. Language of Bid

13.1 The medium of communication shall be in writing.

13.2 The bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer, shall be written in English.

13.3 Supporting documents and printed literature that are part of the bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Bid, such translation shall govern.

14. Documents Comprising the Bid

14.1 Bidders are required to prepare and submit separate technical and financial bids. The bid submission method shall be a one stage-two envelope method. The one stage- two envelope submission methods require a Bidder to submit a single envelope containing two separately sealed envelopes, labelled technical and financial bids which are opened on different dates at separate bid openings.

14.2 The Technical bid submitted shall provide the following:

- (a) Eligibility and Administrative Information provided in part A of section 4: Bidding Forms;
- (b) Qualification information provided in part B of section 4: Bidding Forms;
- (c) Technical information in part C of section 4 bidding forms
- (d) Any other document specified in the data sheet

14.3 The Financial bid shall contain the following information:

- (a) Financial Bids Submission Form, Form 4.2.1
- (b) Bid Price Breakdown, Form 4.2.2
- (c) Completed and properly executed Price schedules 1 – Breakdown of lump sum price for Design Services, Form 4.2.3
- (d) Completed and properly executed Price schedules 2 – Breakdown of lump sum price for construction Works, Form 4.2.4
- e) Cash flow projections, Form 4.2.5

15. Bid Prices

15.1 Bidders shall quote for the entire facilities on a “single responsibility” basis such that the total bid price covers all the Contractor's obligations mentioned in or to be reasonably inferred from the bidding documents in respect of the design, manufacture, including procurement and subcontracting (if any), delivery, construction, installation and completion of the facilities and performance of the services as shall be set out in the contract.

15.2 Bidders shall give a breakdown of the prices in the manner and detail called for in the Schedules of Prices.

15.3 Prices quoted by the Bidder shall be fixed during the Bidder’s performance of the Contract and shall not be subject to change on any account.

16. Currencies of Bid and Payment

16.1 The prices shall be quoted by the Bidder in Iraqi Dinar (IQD).

16.2 Bidders shall indicate details of their expected foreign currency requirements in the Bid.

17. Bid Validity

17.1 Bids shall remain valid for the period specified in the BDS after the date of the bid submission deadline prescribed by the Employer. A bid valid for a shorter period shall be rejected by the Employer as non-compliant.

17.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Employer may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 18, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid.

18. Bid Security

N.A.

19. Alternative Bids

19.1 Bidders shall submit offers that comply with the requirements of the bidding documents, including the basic technical design as indicated in the drawings and specifications. Alternative bids shall not be considered unless otherwise indicated in the BDS.

19.2 Where permitted, alternative bids do not need to conform precisely to the Statement of Requirements, but must -

- (a) meet the objectives and/or performance requirements prescribed in the Statement of Requirements;
- (b) be substantially within any delivery or completion schedule, budget or other performance parameters stated in the solicitation document;
- (c) provide all information necessary for a complete evaluation of the alternative by the Employer, including design calculations, technical specifications, breakdown of prices, proposed construction methods and other relevant details; and
- (d) Clearly state the benefits of the alternative bid over any solution which conforms precisely to the Statement of Requirements, in terms of technical performance, price, operating costs or any other benefit.

20. Format and Signing of Bid

20.1 The Bidder shall prepare one original of each of the documents comprising the technical and the financial bid as described in ITB Clauses 14 and clearly mark both “ORIGINAL”.

In addition, the Bidder shall submit copies of both the technical and financial bids, in the number specified in the BDS and clearly mark each of them “COPY”. In the event of any discrepancy between the original and the copies, the original shall prevail.

20.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorised to sign on behalf of the Bidder. This authorisation shall consist of a written confirmation as specified in the BDS and shall be attached to the bid. The name and position held by each person signing the authorisation must be typed or printed

below the signature. All pages of the bid, except for unamended printed literature, shall be signed or initialled by the person signing the bid.

- 20.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialled by the person signing the bid.
- 20.4 The Bidder shall furnish information as described in the Financial Bid Submission Sheet on commission or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

D. Submission of Bids

21. Marking of Bids

- 21.1 The e-mail containing the technical and financial bids shall:
 - a) the reference code and name of this tender procedure, (i.e. ASB-ZZZ2304/Works/2024/07) and “Rehabilitation 11 water purification plants in Al-Alam District, Salah ad Din”.
 - b) the name of the tenderer
 - c) the file Tender submission form and the financial proposal.
 - d) further supporting documents.

22. Deadline for Submission of Bids

- 22.1 Bids must be received by the Employer at the address and no later than the date and time indicated in the BDS.
- 22.2 The Employer may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB Clause 12, in which case all rights and obligations of the Employer and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

23. Late Bids

- 23.1 The Employer shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB Clause 22. Any bid received by the Employer after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.

24. Withdrawal and Replacement of Bids

- 24.1 No bid may be withdrawn or replaced in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Sheet or any extension thereof.

25. Bid Opening

- 25.1 The Employer shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder, whether there is a withdrawal and/or replacement and the presence or absence of a Bid Security, where required. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record.

E. Evaluation of Bids

26. Confidentiality

- 26.1 Information relating to the examination, evaluation, comparison, and post-qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until information detailing the best evaluated Bidder is communicated to all Bidders.
- 26.2 Any effort by a Bidder to influence the Employer in the examination, evaluation, comparison, and contract award decisions may result in the rejection of its bid.
- 26.3 Notwithstanding ITB Sub-Clause 26.2, from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Employer on any matter related to the bidding process, it should do so in writing.

27. Clarification of Bids

- 27.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Employer may, at its discretion, ask any Bidder for a clarification of its bid. Any clarification submitted by a Bidder that is not in response to a request by the Employer shall not be considered. The Employer's request for clarification and the response shall be in writing. The request for clarification shall be copied to all bidders for information purposes. No change in the price or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the financial bids, in accordance with ITB Clause 29.4.

28. Compliance and Responsiveness of Bids

- 28.1 The Employer's determination of a bid's compliance and responsiveness is to be based on the contents of the bid itself.
- 28.2 A substantially compliant and responsive bid is one that conforms to all the terms, conditions, and requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) affects in any substantial way the scope, quality, or performance of the Services specified in the Bidding Document; or
 - (b) limits in any substantial way, inconsistent with the Bidding Document, the Employer's rights or the Bidder's obligations under any resulting Contract; or
 - (c) if rectified would unfairly affect the competitive position of other Bidders presenting substantially compliant and responsive bids.
- 28.3 If a bid is not substantially compliant and responsive to the Bidding Document, it shall be rejected by the Employer and may not subsequently be made compliant and responsive by the Bidder by correction of the material deviation, reservation, or omission.

29. Nonconformities, Errors, and Omissions

- 29.1 Provided that a bid is substantially compliant and responsive, the Employer may waive any non-conformity or omissions in the bid that does not constitute a material deviation.
- 29.2 Provided that a bid is substantially compliant and responsive, the Employer may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the bid. Failure of the Bidder to comply with the request may result in the rejection of its bid.
- 29.3 Provided that a bid is substantially compliant and responsive, the Employer shall rectify nonmaterial nonconformities or omissions. To this effect, the bid price shall be adjusted, for comparison purposes only, to reflect the price of the missing or non-conforming item or component.
- 29.4 Provided that the bid is substantially compliant and responsive, the Employer shall correct arithmetic errors on the following basis:
 - (a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

30. Preliminary Examination of Bids – Eligibility and Administrative Compliance

- 30.1 The Employer shall examine the legal documentation and other information submitted by Bidders to verify the eligibility of Bidders and any materials, equipment and services to be used in performance of the contract in accordance with ITB Clause 4.
- 30.2 If after the examination of eligibility, the Employer determines that the Bidder, or the materials, equipment and services to be used in performance of the contract are not eligible, it shall reject the bid.
- 30.3 The Employer shall examine the bids to confirm that all documents requested in ITB Clause 14 have been provided, and to determine the completeness of each document submitted.

31. Detailed Commercial and Technical Evaluation

31.1 Commercial Evaluation

- 31.1.1. The Employer shall examine the bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

- 31.1.2. If, after the examination of the terms and conditions, the Employer determines that the bid is not substantially responsive in accordance with ITB Clause 30, it shall reject the bid.

31.2 Qualification Evaluation

- 31.2.1. The Employer shall determine whether the Bidder is qualified to perform the Contract satisfactorily. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 5, to clarifications in accordance with ITB Clause 27 and the qualification criteria indicated in Section 3, Evaluation Methodology and Criteria. A bid shall be rejected at this stage if it does not meet the specified qualifying criteria.

31.3 Technical Quality Evaluation

- 31.3.1. The Employer will carry out a detailed evaluation of the technical aspects on the basis of the Bidder's responsiveness to the Employer's Requirements, applying the evaluation criteria, sub-criteria, and methodology specified in Section 3. A bid shall be rejected at this stage if it does not respond to important aspects of the Employer's Requirements or if it fails to achieve the minimum technical requirements indicated in Section 3
- 31.3.2. The bids proceeding to the financial evaluation shall be determined in accordance with the methodology and criteria specified in Section 3.

32. Financial Evaluation

- 32.1 The Employer will examine the price proposals to determine whether they are complete, whether the documents have been properly signed and whether the bids are substantially responsive to the requirements of the bidding documents. If a price proposal is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.
- 32.2 Price Proposals determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Arithmetic errors will be rectified on the following basis: If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount will be corrected.
- 32.3 The amount stated in the Financial Bid Submission Form will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, shall be considered as binding upon the bidder. If the bidder does not accept the adjusted bid price, its bid will be rejected, and the bid security may be forfeited in accordance with Sub-Clause 18.5 b (iii).
- 32.4 The bidder's financial price will be determined in accordance with the methodology defined in Section 3 of the bidding documents.

33. Determination of Best Evaluated Bid(s)

- 33.1 The Employer shall compare all substantially compliant and responsive bids to determine the best evaluated bid or bids, in accordance with Section 3, Evaluation Methodology and Criteria

34. Post-qualification of the Bidder

- 34.1 The Employer shall determine to its satisfaction whether the Bidder that is selected as having submitted the best evaluated bid is qualified to perform the Contract satisfactorily.
- 34.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 5, to clarifications in accordance with ITB Clause 27 and the qualification criteria indicated in Section 3, Evaluation Methodology and Criteria. Factors not included in Section 3 shall not be used in the evaluation of the Bidder's qualifications.
- 34.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Employer shall proceed to the next best evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

F. Award of Contract

35. Award Procedure

- 35.1 Negotiations may be undertaken with the best evaluated Bidder following the evaluation of bids to finalise minor issues of the bid or the logistical arrangements for the assignment. The cost of any negotiations shall be borne by the respective parties themselves.
- 35.2 The Employer shall issue a Notice of Best Evaluated Bidder, in accordance with the ASB Procurement Policy, 2018, place such Notice on public display for a prescribed period and copy the Notice to all Bidders prior to proceeding with contract award.
- 36.3 The Employer shall award the Contract to the Bidder whose offer has been determined to be the best evaluated bid, provided that the Bidder is determined to be qualified to perform the Contract satisfactorily.

36. Employer's Right to Accept any Bid and to Reject any or all Bids

- 36.1 Notwithstanding ITB Clause 37, the Employer reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer's action.

37. Notification of Award and Letter of Bid Acceptance

- 37.1 Prior to the expiration of the period of bid validity and following the prescribed period in ITB Clause 37.1, the Employer shall notify the successful Bidder, in writing, that its bid has been accepted by issue of a Letter of Bid Acceptance.

37.2 Until a formal contract is prepared and executed, the Letter of Bid Acceptance shall constitute a binding Contract.

37.3 The Letter of Bid Acceptance (hereinafter and in the Contract called the “Letter of Acceptance”) will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the “Contract Price”).

38. Signing of Contract

38.1 Promptly after notification of contract award by the issue of a Letter of Acceptance, the Employer shall send the successful Bidder the Agreement and the Special Conditions of Contract.

38.2 Within four (4) days of receipt of the Agreement, the successful Bidder shall sign, date, and return it to the Employer.

38.3 The Agreement will incorporate all agreements between the Employer and the successful Bidder.

39. Performance Security

N.A.

40. Advance Payment and Security

N.A.

41. Adjudicator

41.1 The Employer proposes the person named in the BDS to be appointed as Adjudicator under the Contract, at an hourly fee specified in the BDS, plus reimbursable expenses. If the Bidder disagrees with this proposal, the Bidder should so state in the Bid.

Instructions to Bidders Reference	Data relevant to the ITB
ITB 1.1	The Employer is: Arbeiter-Samariter-Bund (ASB)
ITB 1.1	The Works consist of: “Rehabilitation works of 11 water purification plants in Al-Alam District, Salah ad Din”
ITB 1.1	The procurement reference number of the Contract is: ASB-ZZZ2304/Works/2024/07
ITB 1.1	The number and identification of lots comprising this Bidding Document is: N/A. The minimum and maximum number of Lots a Bidder may bid for is: N/A.
ITB 11.1	For clarification purposes only, the Employer’s address is: Procurement Unit The Head, Procurement Division Arbeiter-Samariter-Bund Deutschland e.V. (ASB) Country Office Iraq House#Z11/4/9, Gelas street, Qazi Mohammed road Dohuk Kurdistan Region-Iraq Tel: +964(0)7517625907, Email: manageradminfinance@asb-me.org
ITB 11.1	The Employer will respond to any request for clarification provided that such request is received no later than 3 working days prior to the submission of bids.
ITB 13.1	The medium of communication shall be in writing.
ITB 13.2	The bid shall be written in English.
ITB 14.1(i)	The Bidder shall submit with its bid the following additional documents: N/A
ITB 16.1	The lump sum or unit rates and prices quoted by the Bidder shall be in Iraqi Dinar- IQD
ITB 16.2	N.A.
ITB 16.3	N.A.
ITB 17.1	Bids must be valid until 31st December 2024.
ITB 17.3	Bid price SHALL NOT be adjusted.
ITB 18.1	A Bid Security shall not be required.

Instructions to Bidders Reference	Data relevant to the ITB
ITB 18.2	The amount of Bid Security shall be N.A.
ITB 18.3	The Bid Security shall be valid until N.A.
ITB 19.1	Alternative bids to the requirements of the bidding documents: N/A
ITB 20.1	In addition to the original of the Bid, the number of copies required is: None
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall be: (a) A Power of Attorney which if signed in Iraq shall be registered; or (b) In the case of Bids submitted by an existing or intended JV, a Power of Attorney from each member of the JV nominating a Representative in the JV and a Power of Attorney from the JV nominating a representative who shall have the authority to conduct all business for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution.
ITB 22.1	For bid submission purposes only, the Employer's address is: Procurement Unit The Head, Procurement Division Arbeiter-Samariter-Bund Deutschland e.V. (ASB) Country Office Iraq House#Z11/4/9, Gelas street, Qazi Mohammed road Dohuk Kurdistan Region-Iraq Tel: +964(0)7517625907, Email: manageradminfinance@asb-me.org The deadline for bid submission by e-mail to manageradminfinance@asb-me.org is: Date: September, 15th 2024, Time (local time): 17:00 pm
ITB 25.1	The bid opening shall take place at: N.A.

Part 1: Section 2 Bid Data Sheet

Instructions to Bidders Reference	Data relevant to the ITB
ITB 34.1	A margin of preference shall not apply.
ITB 34.3	N/A
ITB 37	The Performance Guarantee N.A.
ITB 42.1	The Advance Payment shall not be granted.
ITB 43.1	The Adjudicator proposed by the Employer is: Hassan Mohamad Ali, Lawyer

Section 3. Evaluation Methodology and Criteria

Procurement Reference Number: ASB-ZZZ2304/Works/2024/07

A Evaluation Methodology

1 Methodology Used

- 1.1 The evaluation methodology used for the evaluation of bids shall be the Technical Compliance Selection (TCS) methodology.

2 Summary of Methodology

- 2.1 The Technical Compliance Selection methodology recommends the lowest priced bid, which is eligible and substantially responsive to the technical and commercial requirements of the Bidding Document, provided that the Bidder is determined to be qualified to perform the contract satisfactorily.
- 2.2 The evaluation shall be conducted in three sequential stages:
- (a) a preliminary examination to determine whether bidders are eligible and to determine administrative compliance with the basic instructions and requirements of the solicitation document;
 - (a) a detailed evaluation to assess –
 - (i) responsiveness to the terms and conditions of the solicitation document;
 - (ii) The Qualification and technical quality of a bid against set criteria on a pass and fail basis.
 - (c) A financial comparison to determine the lowest priced bid which meets the Qualification and technical requirements.
- 2.3 Failure of a bid at any stage shall prevent further consideration of the bid at the next stage of evaluation. Substantial responsiveness shall be considered a pass at the preliminary examination stage.

B Preliminary Examination Criteria

3.0 Eligibility Criteria

- 3.1 The eligibility requirements shall be determined in accordance with ITB Clause 4

- 3.2 The documentation required to provide evidence of eligibility shall be: -

- (a) a copy of the Bidder's Trading licence valid for **2023** (can be submitted during evaluation process on request by ASB);
- (b) a copy of the Bidder's Certificate of Registration or incorporation (can be submitted during evaluation process on request by ASB);
- (c) a copy of the Bidder's income tax clearance certificate issued by the Tax Authority for at least **2023** (can be submitted during evaluation process on request by ASB);
- (d) a statement in the Bid Submission Sheet that the bidder meets the eligibility criteria stated in ITB 4.1;
- (e) a declaration in the Bid Submission Sheet of nationality of the Bidder;
- (f) a statement in the Bid Submission Sheet that the Bidder has no conflict of interest;

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- (g) a declaration in the Bid Submission Sheet that the Bidder is not under suspension by the Public Procurement and Disposal of Public Assets Authority;
- (h) Power of Attorney which if signed in Iraq shall be registered, or if signed outside Iraq shall be notarized authorizing signature of the bid on behalf of the bidder.
- (j) Articles and Memorandum of Association (can be submitted during evaluation process on request by ASB).

3.3 For a Joint Venture, the documentation in paragraph 3.2 above shall be required for each member of the Joint Venture and the following additional documentation shall also be required:

- (a) a certified copy of the Joint Venture Agreement, which is legally binding on all partners, showing that:
 - (i) All partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
 - (ii) one of the partners will be nominated as being in charge, authorized to incur liabilities, and receive instructions for and on behalf of any and all partners of the joint venture; and,
 - (iii) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.
- (b) Power of Attorney of the signatory (ies) of the bid authorizing signature of the bid on behalf of the joint venture
- (c) a certified copy of the Joint Deed of Undertaking in case of Sub-contractor/ Specialized Agency/Associate which is legally binding the Sub-contractor/ Specialized Agency/Associate and the Bidder/ Contractor.

4.0 Administrative Compliance Criteria (Pass/fail requirements).

The evaluation of Administrative Compliance criteria shall be conducted in accordance with ITB Clause 30.3. Specifically, the criteria will include;

- Submission of bid Submission Sheet in the format provided in the bidding document signed by a person with Powers of Attorney
- Submission of the Bid Security in the format as presented in the bidding forms.
- Submission of signed schedule of rates (BOQ)
- Submission of dully completed bidding forms
- Signed Ethical Code of Conduct issued;

C Detailed Evaluation Criteria

5.0 Commercial Criteria (Pass/ fail requirements).

- 5.1 The commercial responsiveness of bids shall be evaluated in accordance with ITB Clause 31.
- 5.2 The assessment of responsiveness will consider the following criteria:
 - (a) Acceptance of the conditions of the proposed contract; it should be stated in the Bid submission sheet.
 - (b) Signed Schedule of rates for BoQ.
 - (c) Audited Accounts for the last 3 years (2021, 2022 and 2023) signed by Certified Accountant (can be submitted during evaluation process on request by ASB).

Part 1: Section 3 Evaluation Methodology and Criteria

- (e) Bid Validity expiry date is: **31.12.2024** as stated in the Bid Submission Sheet
- (f) Acceptable completion schedule and 4 months of Defect liability period;
- (g) Acceptability of the proposed program (work method and schedule), including relevant drawings and charts;
- (h) Manufacture's Authorisation to supply and install key mechanical fixtures if proposed.

6.0 Qualification Criteria

6.1 Each bid will be evaluated on a **pass/fail basis to meet the following qualification requirements**

Part 1: Section 3 Evaluation Methodology and Criteria

6.2. Qualification Criteria

Sub-Factor	Requirement	Criteria				Documentation Required
		Single Entity	Bidder			
			Joint Venture, Consortium or Association			
			All partners combined	Each partner	At least one partner	
6.2.1 History of non-performing contracts	Non-performance of a contract did not occur within the last 5 (five) years prior to the deadline for bid submission, based on all information on fully settled disputes or litigation.	Must meet requirement by itself or as partner to past or existing JV	N / A	Must meet requirement by itself or as partner to past or existing JV	N / A	Form B.4.1.7
6.2.2 Litigation History	A bidder shall not; (i) Have persistently been involved in litigation with any PDE in Iraq (ii) All pending litigation shall in total not represent more than twenty-five percent (25%) of the Bidder's net worth and shall be treated as resolved against the Bidder. Note: <i>Failure to disclose any Litigation information in the bidder's bid shall lead to disqualification of the bidder.</i>	Must meet requirement by itself or as partner to past or existing JV	N / A	Must meet requirement by itself or as partner to past or existing JVCA	N / A	Form B.4.1.8

Part 1: Section 3 Evaluation Methodology and Criteria

Sub-Factor	Requirement	Criteria				Documentation Required
		Single Entity	Bidder			
			Joint Venture, Consortium or Association			
			All partners combined	Each partner	At least one partner	
6.2.3 Historical Financial Performance	Submission of audited balance sheets (financial statements) or if not required by the law of the bidder’s country, other financial statements acceptable to the Employer, for the last five (5) years to demonstrate the current soundness of the bidders financial position and its prospective long term profitability. (a) Current Ratio (minimum 1.0) (b) Net worth (+ve)	Must meet requirement	N / A	Must meet requirement	N / A	Form B.4.1.9 with audited financial statements Bank Reference Letter showing the financial status of the firm and the Bank’s commitment to avail the particular amount in the line of credit when the bidder is awarded the contract (Form 6.1).
6.2.4 Average Annual Turnover	Minimum average annual construction turnover of IQD 150,000,000 calculated as total certified payments received for contracts in progress or completed, within the last three (3) years.	Must meet requirement	Must meet requirement	Must meet 25 percent of the requirement	Must meet 40 percent of the requirement	Form B.4.1.11
6.2.5 Financial Resources	The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other	Must meet requirement	Must meet requirement	NA	NA	Form B.4.1.10 and attach evidence

Part 1: Section 3 Evaluation Methodology and Criteria

Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
			All partners combined	Each partner	At least one partner	
	than any contractual advance payments to meet: (i) the following cash-flow requirement: IQD 150,000,000. (ii) The overall cash flow requirements for this contract and its current commitments.					
6.2.6 General Experience	Experience under contracts in the role of contractor, subcontractor, or management contractor for at least the last 5 years prior to the bid submission deadline.	Must meet requirement	N / A	Must meet requirement	N / A	Form B.4.1.13
6.2.7 Specific Experience	(a) Participation as contractor, management contractor, or subcontractor, in at least 1 contract within the last 5 years each with a value of at least IQD 150,000,000 that have been successfully and substantially completed and that are similar to the proposed Works. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer’s Requirements. This project should be substantially completed by 100%.	Must meet requirement	Must meet requirements for all characteristics	N / A	Must meet requirement for one characteristic	Form B.4.1.14

6.3 Technical Requirement

6.3.1 Pass/fail requirements

Each Bid shall meet the following minimum technical requirements

6.3.1.(a) Design		
Item	Minimum Requirement	Pass / Fail
1.0	Understanding of the Design and Build scope	
2.0	Completeness of Submission including preliminary drawings, specifications, Calculations of geometric, structural and drainage aspects of the landing site and a design statement.	
3.0	Site assessment and interpretation of the site data	
4.0	Acceptable design work plan, showing the activities and the staff deployment	
5.0	All designs and documentation shall be in accordance with the latest (i) Iraqi Ministry of Health Specifications (ii) Iraqi Construction Standards (iii) Ministry of Construction and Housing and Municipality and Public Work of Iraq	
6.0	<u>Scope of Design</u> • Complete and acceptable scoping of assignment for Design. • Acceptable estimation of indicative quantities applied to the BOQ.	
6.3.1.(b) Construction Works		
Item	Minimum Requirement	Pass/Fail
1.0	Proposed site organisational chart	
2.0	<u>Construction standards:</u> Compliance to Water Directorate Salah al-Din Specifications	
3.0	Construction Schedule and sequencing: • Effectiveness and efficiency of construction schedule for timely completion (Maximum rehabilitation period of two (2) months • Demonstration of practical steps to achieve the set construction timeline.	
4.0	<u>Durability of Materials selection & standards:</u> Durability of selected materials for the design life of the project where different options are available	
6.3.1.(c) Quality Control		
1.0	Proposed Quality Control and Quality Assurance Organogram	
2..0	Proposed site laboratories and testing	
	Procedure for Quality Control /Quality Assurance	
6.3.1.(d) Health and Safety		
1.0	Health and Safety Plan incl. Risk assessment, Manpower proposed	
2.0	Proposed Safety Infrastructure and Equipment at different work sites	
6.3.1.(e) Environment Protection		
1.0	Manpower proposed	
2.0	Environment Mitigation Plan including Undertaking to comply with all statutory approved safeguards, in environmental mitigation plan	
6.3.1.(f) Social-Economic Considerations		

1.0	Social Mitigation Plan including undertaking to comply with all statutory approved safeguards, policies and guidelines on Environmental and Social Management	
6.3.1. (G) Minimum Staff Requirements as detailed in table 1 below. The bidder shall provide details of the proposed personnel and their experience records in Form C 4.1.10 included in section 4, Bidding Forms.		
6.3.1(h) The bidder shall provide minimum equipment as detailed in table 3. below		

Table no. 1. Minimum Staff Requirements for Construction stage

Item	Staff	Qualification	Pass/Fail Basis
1	Construction manager	Should have a Bachelor of Science in Water Engineering degree from a recognized University, registered with requisite professional institutions, and having experience of at least 10 years of similar experience in supervision of similar work. The team leader shall also have experience in contract/project management and in Iraqis procurement guidelines and regulations.	
2	Site engineer	Should have Bachelor of Science in Water Engineering degree from a recognized University, qualified and competent registered professional with practicing certificate, and having experience of at least 5 years of similar experience in supervision of similar work.	

Table No. 3. Minimum Equipment Requirements

The bidders shall demonstrate ownership, lease or hire of own construction equipment in good condition and sufficient for carrying out the work. Proposals for the timely acquisition (own, lease, hire, etc.) of the minimum essential equipment: (Attach evidence of ownership, lease agreements or any other relevant documents.

Bidders that will have achieved a pass in all the criteria will proceed to the financial evaluation stage.

D Financial Comparison Criteria

7. Costs to be included in the Bid Price

7.1 The financial comparison shall be conducted in accordance with ITB Clause 33. It will include;

- Arithmetic corrections
- Adjustment for nonconformities
- Computing of unconditional discounts
- Comparing bid prices.

8. Determination of Best Evaluated Bid or Bids

8.1 The bid with the lowest evaluated price, from among those which are eligible, compliant and substantially responsive shall be the best evaluated bid.

E Post-qualification Criteria

Shall apply to the best evaluated bidder.

Section 4 Bidding Forms

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4.1 TECHNICAL BID FORMS

PART A: Eligibility and Administrative Information

- Form A 4.1.1 - Technical Bid Submission Form
- Form A 4.1.2 - Appendix to Bid
- Form A 4.1.3 - Bid Security
- Form A 4.1.4 - Power of Attorney
- Form A 4.1.5 - Bidder Information
- Form A 4.1.6 - Bidder's Party Information
- Form A 4.1.7 - Manufacturers Authorisation

PART B: Qualification Information

- Form B 4.1.7 - Historical Contract Non-Performance
- Form B 4.1.8 - Pending Litigation
- Form B 4.1.9 - Financial Situation
- Form B 4.1.10 - Financial Resources
- Form B 4.1.11 - Average Annual Construction Turnover
- Form B 4.1.12 - Current Contract Commitments / Work in Progress
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PART C: Technical Proposal

- Form C 4.1.6 - Design Proposal
- Form C 4.1.7 - Method Statement
- Form C 4.1.8 - Project Management Organisation
- Form C 4.1.9 - Summary of staff Qualifications and Task Assignment.
- Form C 4.1.9 - Plant/ Equipment Proposed and Available for Performance of the contract
- Form C 4.1.10 - Curriculum Vitae for Key Staff
- Form C 4.1.11 - Program and Schedule
- Form C 4.1.12 - Work Plan
- Form C 4.1.13 - Health and Safety Plan

4.2

FINANCIAL BID FORMS

PART D: FINANCIAL PROPOSAL

Form D 4.2.1 - Financial Bid Submission Form

Form D 4.2.2 - Price Schedule 2: Breakdown of the Lump Sum price for the
Construction Works.

4.1 TECHNICAL BID

The bidders shall develop their technical bids using the following format

TECHNICAL BID FORMAT

Section	Contents
1	Eligibility and Administrative Information
1.1	<i>All Eligibility and Administrative forms given under part A of section 4: Bidding Forms.</i>
2	Qualification Information
2.1	<i>All qualification forms given under part B of Section 4: Bidding Forms</i>
2	Technical Proposal
2.1	<i>All Technical proposal forms given under Part C of section 4: Bidding Forms.</i>

PART A - ELIGIBILITY AND ADMINISTRATIVE INFORMATION

[This Bid Submission Sheet should be on the letterhead of the Bidder and should be signed by a person with the proper authority to sign documents that are binding on the Bidder. It should be included by the Bidder in its bid]

FORM A 4.1.1

Technical Bid Submission Form

Date: [-----/-----2024]

Procurement Reference No:

ASB-ZZZ2304/Works/2024/07

To: **Arbeiter-Samariter-Bund (ASB)**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document, including Addenda No.: **as required by Arbeiter-Samariter-Bund (ASB)**;
- We offer to provide the services in conformity with the Bidding Document for the “Rehabilitation works of 11 water purification plants in Al-Alam District, Salah ad Din”;
- (b) We hereby submit our bid which includes this technical bid, and a financial bid;
- (c) Our bid shall be valid for a period of **[90]** days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) We, including any associates, Joint Venture partners or Subcontractors for any part of the contract, have nationals from eligible countries;
- (e) We undertake to abide by the Code of Ethical Conduct for Bidders and Providers during the procurement process and the execution of any resulting contract;
- (f) We are not participating, as Bidders, in more than one bid in this bidding process;
- (g) We do not have any conflict of interest and have not participated in the preparation of the original project for the Employer;
- (h) We, our affiliates or subsidiaries—including any subcontractors or Providers for any part of the contract—have not been suspended by the Public Procurement of Public Assets Authority in Iraq from participating in public procurement;
- (i) Our Bid is binding upon us, subject to modifications agreed during any contract negotiations, and we undertake to negotiate on the basis of the staff proposed in our Bid;
- (j) We understand that this Bid, together with your written acceptance thereof included in your Letter of Bid Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (k) We understand that you are not bound to accept the lowest bid or any other bid that you may receive;

-
-
- (l) We, including any subcontractors or providers for any part of the contract resulting from this procurement process, are eligible to participate in public procurement in accordance with ITB Clause 4.1

Name: *[insert complete name of person signing the Bid]*

In the capacity of *[insert legal capacity of person signing the bid]*

Signed: *[signature of person whose name and capacity are shown above]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, 2024 *[insert date of signing]*

FORM A 4.1.2**Appendix to Bid**

Subject	Sub-Clause	Data
Employer's name and address	1.1.2.2. & 1.3	Arbeiter-Samariter-Bund Deutschland e.V. (ASB), Country Office Iraq House#Z11/4/9, Gelas street, Qazi Mohammed road Dohuk Kurdistan Region-Iraq Email: countryrep@asb-me.org
Contractor's name and address	1.1.2.3 & 1.3	[To be inserted]
Engineer's name and address	1.1.2.4 & 1.3	To Be Nominated
Recipient's name and address	1.1.2.1 1 & 1.3	Water Directorate Salah al-Din
Time for Completion of the Works	1.1.3.3	2 months including design
Defects Notification Period	1.1.3.7	4 months
Electronic transmission systems	1.3	Facsimile transmission or e-mail
Governing Law	1.4	The Laws of Republic of Iraq
Ruling language	1.4	English
Language for communications	1.4	English
Time for access to the Site	2.1	Not later than the date of commencement
Amount of performance security	4.2	Not Applicable
Period for notifying unforeseeable errors, faults and defects in the Employer's Requirements	5.1	4 months after completion
Normal working hours	6.5	Sunday to Friday 07:00 am Hours to 18:00 pm Hours
Liquidated damages for the Works	8.7	0.05% of the Contract Price per day.
Maximum amount of liquidated damages	8.7	Not Applicable
Percentage for adjustment of Provisional Sums	13.5(b)	None
Total advance payment	14.2	Not Applicable
Number and timing of installments	14.2	(3) Two installments
Currencies and proportions	14.2	Iraqi Dinar (IQD)
Start repayment of advance payment	14.2(a)	Not Applicable
Repayment amortization of advance payment	14.2 (b)	Not Applicable
Percentage of retention	14.3	Not Applicable
Limit of Retention Money [If Sub-Clause 14.5 applies]	14.3	Not Applicable
Plant and Materials for payment when shipped en route to the Site	14.5(b)	Not Applicable

Plant and Materials for payment when delivered to the Site	14.5(c)	Not Applicable
Minimum amount of Interim Payment Certificates	14.6	As per payment schedule under PCC 14.3
Currencies of Payment	14.15	Payments shall be in Iraqi Dinar (IQD).
Periods for submission of insurance:		
(a) Evidence of insurance	18.1	Date of the commencement
(b) Relevant policies	18.1	Date of the commencement
Maximum amount of deductibles for insurance of the Employer's risks	18.2(d)	Not applicable
Minimum amount of third-party insurance	18.3	IQD 150,000,000

Signature.....

Date.....

FORM A 4.1.3

[This Bid Security should be on the letterhead of the issuing Financial Institution and should be signed by a person with the proper authority to sign the Bid Security. It should be included by the Bidder in its bid, if so indicated in the BDS]

BID SECURITY

NOT APPLICABLE

FORM A 4.1.4
POWER OF ATTORNEY

Powers given to a person or persons after a resolution by the Board of Directors of a Company to authorize him/her/them to sign/commit the Company with respect to the Bid. Such a resolution has to be witnessed by an advocate/lawyer, signed by a Director of the company and registered with the Registrar of Companies.

The Bid must be signed by one duly authorized to do so. A bid submitted by a Corporation must bear the seal of the Corporation and be attested by its Secretary. A bid submitted by joint ventures of two or more firms must be accompanied by the Document of Formation of the joint venture or intended formation, The Joint venture agreement to be included in the contract in case of a successful bid and shall be authenticated by a Notary Public or other official deputized to witness sworn statements, in which is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorized to represent and obligate it, the participation of the several firms forming the joint ventures, and any other information necessary to permit a full appraisal of its functioning.

Signatories for companies must establish their authority by enclosing a copy of the relevant resolution of the Board of Directors duly signed and dated,

FORM A 4.1.5

BIDDER INFORMATION FORM

Bidder's Legal Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Party Legal Name: *[insert full name]*

Procurement Reference Number: **ASB-ZZZ2304/Works/2024/07**

Bidder's Information	
Bidder's legal name	
In case of JV, legal name of each partner	
Bidder's country of constitution	
Bidder's year of constitution	
Bidder's legal address in country of constitution	
Bidder's authorized representative (name, address, telephone numbers, fax numbers, e-mail address)	
Attached are copies of the following original documents.	
☐ 1. In case of single entity, articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.2 and 4.3.	
☐ 2. Authorization to represent the firm or JV named above, in accordance with ITB 20.2.	
☐ 3. In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 6.2(e).	
☐ 4. In case of a government-owned entity, any additional documents not covered under 1 above required to comply with ITB 4.6.	

FORM A 4.1.6
BIDDER'S PARTY INFORMATION FORM

NOT APPLICABLE

N

PART B: QUALIFICATION INFORMATION

FORM B 4.1.7

HISTORICAL CONTRACT NON-PERFORMANCE

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Bidder's Legal Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Party Legal Name: *[insert full name]*

Procurement Reference Number: **ASB-ZZZ2304/Works/2024/07**

☐ Contract non-performance did not occur during the 5 (five) years specified in section 6.2.1 of Section III (Evaluation Methodology and Criteria)			
☐ Contract(s) not performed during the 5 (five) years specified in section 6.2.1 of Section III (Evaluation Methodology and Criteria)			
Year	Non performed portion of contract	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for non performance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

FORM B 4.1.8
PENDING LITIGATION

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Bidder's Legal Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Party Legal Name: *[insert full name]*

Procurement Reference Number: **ASB-ZZZ2304/Works/2024/07**

Pending Litigation			
☐ No pending litigation in accordance with Criteria 6.2.2 of Section III (Evaluation Methodology and Criteria) ☐ Pending litigation in accordance with Criteria 6.2.2 of Section III (Evaluation Methodology and Criteria)			
Year	Matter in Dispute	Value of Pending Claim in IQD Equivalent	Value of Pending Claim as a Percentage of Net Worth

FORM B 4.1.9
FINANCIAL SITUATION

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Bidder's Legal Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Party Legal Name: *[insert full name]*

Procurement Reference Number: **ASB-ZZZ2304/Works/2024/07**

Financial information in IQD					
	2021	2022	2023	Avg.	Avg. Ratio
Total Assets (TA)					
Total Liabilities (TL)					
Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Total Revenue (TR)					
Profits Before Taxes (PBT)					

FORM B 4.1.10
FINANCIAL RESOURCES

(Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract as indicated in Criteria 6.2.5 of Section III (Evaluation Methodology and Criteria))

Financial Resources		
No.	Source of financing	Amount (IQD)
1		
2		
3		

FORM B 4.1.11

AVERAGE ANNUAL CONSTRUCTION TURNOVER

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Bidder's Legal Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Party Legal Name: *[insert full name]*

Procurement Reference Number: **ASB-ZZZ2304/Works/2024/07**

Annual Turnover Data for the Last 3 Years (Construction Only)			
<i>Year</i>	<i>Amount Currency</i>	<i>Exchange Rate</i>	<i>IQD</i>
2023			
2022			
2021			
<i>Average Annual Construction Turnover</i>			

The information supplied should be the Annual Turnover of the Bidder or each member of a JV in terms of the amounts billed to clients for each year for work in progress or completed.

FORM B 4.1.12

CURRENT CONTRACT COMMITMENTS / WORKS IN PROGRESS

Bidders and each partner to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments / Works in Progress

Each Applicant and each member of a joint venture or other consortium must fill in this form, providing information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Name Contract	of Employer, contact address/tel/fax ¹	Value outstanding work (IQD)	of Estimated completion date	Cumulative physical progress to date (%)
1.				
2.				
3.				
4.				
5.				
etc.				

¹ The Employer reserves the right to contact this person or any other person for reference check. It is in the best interest of the Applicant to seek that the contact person provided in this form responds within a maximum of **[02]** days when contacted by Employer. A no response from the reference could be treated as a poor performance.

FORM B 4.1.13

GENERAL CONSTRUCTION EXPERIENCE

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Bidder's Legal Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Party Legal Name: *[insert full name]*

Procurement Reference Number: **ASB-ZZZ2304/Works/2024/07**

Page *[insert page number]* of *[insert total number]* pages

[Identify contracts that demonstrate continuous construction work over the past 10 (ten) years pursuant to Criteria 6.2.6 of Section III (Evaluation Methodology and Criteria). List contracts chronologically, according to their commencement (starting) dates.]

General Construction History				
Starting Month Year	Ending Month Year	Years	Contract Identification and Name Name and Address of Employer Brief Description of the Works Executed by the Bidder	Role of Bidder

PART C – TECHNICAL PROPOSAL

Form C: 4.1.6 Design Proposal

The proposed outline of the Design Proposal is as given in the outline below. It should be noted that the technical proposal shall include but not be limited to the information stated in the proposed outline.

Appreciation of the Assignment

- Prepare a short report on the state of project site, identifying the key design issues and the challenges that are being faced at present.

Describe your understanding of a Design and Construction contract and identify special issues or problems that are likely to be encountered. Illustrate clearly and concisely your understanding of the technical and institutional elements that must be addressed.

Comments and Suggestions on the Employer's Requirements

Under this heading the bidder should:

- *Provide commentary on the Employer's Requirements, including status of the information available and relevant design issues for the works, detailing how the critical requirements will be achieved;*
- *Suggest any modifications to the Employer's Requirements that the Employer may wish to consider to incorporate Value Engineering.*

Bidders should note that any errors noted in the Employer's Requirements during the preparation of bids should be notified to the Employer under the provisions of ITB11 [Clarification of Bidding Documents].

Preliminary Design (Attach all the drawings in appropriate size and format).

- *Appropriate use of design standards, guides, manuals, and design methodology shall be evaluated.*
- *A description of the site data collected (or data from the information provided by the Employer, if any) and used for tender design, design assumptions, process and relevant calculations to design the proposed new intervention. This is to include design philosophy, reference to all design guides and standards used plus why the proposed design is considered appropriate for Iraq.*
- *Preliminary Design of all elements of the Works. The Preliminary Design shall comprise drawings and technical specifications. Drawings scales shall range from 1:100 to 1:500, or as otherwise specified in the Employer's Requirements.*
- *Discussion of how the Bidder proposes to develop the design at key stages, including a commentary on any necessary mapping and/or survey work and the proposed design methodology for key elements of the Works.*
- *Discussion of how the Bidder proposes to incorporate environmental and social considerations, including the prevention of negative impacts, and inclusion of mitigation measures and health and safety concerns into the design, including proposed methods for coordinating design work with concurrent environmental management plan;*
- *The contractor to clearly show how the proposed design meets the performance criteria.*

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- *Name, qualifications, and particulars of the Design Company and designers in charge of the design for the Works.*

Form C: 4.1.7 Method Statement

This section shall include

- *A description of the proposed plan for furnishing the design work for the project. This methodology shall include at least the proposed location of the design office(s) and a description of the work, which the bidder anticipates will be performed, how it will be performed and by whom*
- *A description of how the bidder's design personnel will interface with the construction personnel and client personnel.*
- *Site investigation approach to be used to establish design data for all project sites including borrow sites.*
- *A description of the proposed plan for construction of the project. This description shall (i) indicate how the bidder intends to divide the project into work segments to enable optimum construction performance, (ii) define how the work will be executed, and (iii) outline the bidder's plans and procedures to ensure timely delivery of resources to achieve the project schedule. (iv) include proposed production rates used in developing the programme and propose plant list that matches the rates and programme of works.*
- *Land design QA/QC approach to ensure that the landing structures are constructed as designed and minimization of defects that may result during construction such that long-term performance is not jeopardized. This should also include the location, site and laboratory testing equipment to be provided and how the materials laboratory will be set up and managed and in particular the QA/QC process to be used*
- *Describe the proposed approach to managing Environment and Social(E&S) impacts during implementation of this project including a description of the mitigation measures that will be used and international E& S standards that maybe applicable; provide enough detail to demonstrate an understanding of the critical E & S issues related to the project. Demonstrate that it possesses a high level of Environmental and Social ("E&S") management expertise and can successfully manage the E&S risks associated with the implementation of the proposed Rehabilitation and Construction Works.*
 - a) *Describe the proposed approach to managing E&S impacts during implementation of this project, including a description of the mitigation measures that will be used and international E&S standards that may be applicable; provide enough detail to demonstrate an understanding of the critical E&S issues related to the project.*
- *Describe how Safety will be implemented and coordinated among the various entities working on the project and the public.*
- *Describe project cost and schedule control and compliance with environmental requirements;*
- *Outline of the arrangements which the Bidder proposes to adopt to manage coordination of Site access.*
- *Commentary on the geotechnical and subsurface aspects of the Works including materials, material sources and any constraints.*
- *Commentary on logistics and traffic management*

-
-
- *Outline of the arrangements which the Bidder proposes to adopt to ensure compliance with the Employer's Requirements and for testing upon completion as called for in the Employer's Requirements.*
 - *Outline of arrangements which the Bidder proposes for conducting training as specified in the Employer's Requirements.*
 - *Outline of arrangements for handover, including completion of as-built drawings, preparation of operation and maintenance manuals, and any additional matters.*
 - *Strategy for compliance with (a) performance specifications, and (b) tests on and after completion, including equipment, staff, methods, etc to be used to check this compliance;*
 - *Strategy for control of work and materials during project execution.*

Form C: 4.1.8 Project Management Organisation

The bidder shall provide a description of the organizational structure and management methodology to be used by the bidder for completing the work and shall include the following:

- *a chart or charts indicating the basic structure of the Proposer's organization and the roles, responsibilities and functions of each sub-organization, including the interrelationships of project management, design, construction, and QC/QA. Chart(s) supplied shall identify key persons for the design, construction, and QC/QA management effort and also, describe the methods to be used to ensure necessary coordination among these organizations.*
- *A description of the Proposer's management system to be used during all phases of the project to control and coordinate the cost and schedule of the work.*
- *The Proposer shall submit a comprehensive Quality Control/Quality Assurance Plan, which covers its responsibilities and actions for both the design and construction phases. A statement detailing the bidder's philosophy and approach for disputes avoidance and/or issue resolution.*

Form C: 4.1.9 Summary of Staff Qualifications and Task Assignments

- *For each of the key personnel, the proposal shall include a description of his or her function and responsibility relative to the project. The proposal shall indicate the time each key person will devote exclusively to the project. The Proposer's organization chart may indicate any additional positions considered key personnel and show their relationship to other key personnel.*
- *The CVs of the proposed professional staff in the format presented under section 4, signed by both the staff member and the authorised representative of the firm submitting the proposal shall be submitted as part of the technical proposal.*
- *Include form 4.1.9(a): Summary of staff qualification and task assignment as well as estimated time inputs in form of a bar chart.*

A: Technical/Managerial Staff

Position/Name		Education/ Professional Registration	Experience in Similar Position (Years)	Specialism and Assigned Tasks

B: Support

Position/Name		Education/ Professional Registration	Experience in Similar Position (Years)	Assigned Tasks

Signature..... *(A person or persons authorised to sign on behalf of the Bidder)*

Date:.....

4.1.9 Plant/Equipment Proposed and Available for Performance of the Contract

	Description (Type/Make/Model)	Power /Capacity	No of Units	Year of Manufacture	Owned (o) or Hired (H)	Current Location	Date Available
A	Construction Plant						
B.	Vehicle/Trucks						
C.	Other Plant						

Signature..... *(A person or persons authorised to sign on behalf of the Bidder)*

Date:

FORM C 4.1.10 CURRICULUM VITAE FOR KEY STAFF

[The information requested is required in the format provided below and should be included by the Bidder in its bid]

Format of Curriculum Vitae for Proposed Key Staff

Proposed Position: _

Name of Bidder: _____

Name of Staff: _____

Profession: _____

Date of Birth: _____

Years with Firm: _____ Nationality: _____

Membership in Professional Societies: _____

Detailed Tasks Assigned: _____

Key Qualifications: (Relevant to the Assignment)**Education: (& Professional Qualifications)****Professional Experience:**

Summarize professional experience over the last 20 years, in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

From	To	Company / Project / Position / Relevant technical and management experience

Languages:**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

[Signature of staff member] Date: _____
Full name of staff member: _____
Day/Month/Year

[Authorised representative of the firm] Date: _____
Full name of authorised representative: _____
Day/Month/Year

FORM C: 4.1.11 PROGRAM AND SCHEDULE

Each Bidder shall set out a detailed Program and Schedule for design and construction of the Works to be undertaken, including estimated start and finish dates for individual components and identification of major milestones and critical path. The proposed Program and Schedule shall be developed according to Employer's Requirements and shall address the following:

- (a) Details of the proposed schedule for design of the Works, including the submission of design documents, review and approval of the design by the Engineer. a description of the Bidder's Work Breakdown Structure (WBS), including project phases and major activities. Describe the inter-relationships between the WBS, phases, and major activities and how the breakdown facilitates coordination between design, review, and construction of the project. The proposal shall describe how the WBS is consistent with the Proposer's organization and approach to management.
- (b) Details of the proposed schedule for permitting processes that may be necessary in order to commence the Works, including the preparation of required studies, supporting information, and applications.
- (a) Details of the proposed timeline for carrying out the Works within the Time for Completion, in the form of a bar chart showing notably the critical path.
- (b) Details of the proposed timeline for the testing, commissioning and handing over of the completed Works. The schedule shall show the activity relationships, duration, and timing of the phases, and activities for engineering, construction, and maintenance during construction. The schedule shall reflect major project milestones.

Form C: 4.1.12 Work Plan

Each Bidder shall set out a detailed Program and Schedule for design and construction of the Design and Construction Works to be undertaken, including estimated start and finish dates for individual components and identification of major milestones and critical path. The proposed Program and Schedule shall be developed according to Employer's Requirements and shall address the following:

- (a) Details of the proposed schedule for design of the Design and Construction Works, including the submission of design documents, review and approval.
- (b) Details of the proposed timeline for carrying out the Design and Construction Works within the Time for Completion, in the form of a bar chart showing notably the critical path.
- (c) Details of the proposed timeline for the testing, commissioning and handing over of the completed Design and Construction Works.
- (d) *[Other proposed measures as may be appropriate].*

Form C: 4.1.13 Health & Safety Plan

The Bidder shall provide the documents to show that it has in place sufficient safety policy documents and safety awareness to be able to perform their responsibilities in a safe and secure manner.

The Bidder shall demonstrate in a narrative section of its Technical Offer that it possesses a high level of Health and Safety (“H&S”) management expertise and can successfully manage the H&S risks related to the implementation of the Design and Construction Works. To demonstrate this, the Bidder shall provide the following:

- (a) Describe proposed H&S staffing, roles and responsibilities, and management structure;
- (b) Describe the proposed equipment and facilities for managing H&S impacts during implementation of the Design and Construction Works.

4.2 FINANCIAL BID

The Bidder shall complete the price schedules attached indicating the lump sum prices for each of the parts of the works listed.

The bidder is responsible for ensuring that he carries out sufficient investigatory and design work during the preparation of his bid to allow him to comprehensively assess the scope of work and price the lump sum offer.

The items provided are intended to cover all the works that have been anticipated but bidders may add additional items or leave certain items blank if they so wish. However the minimum level of detail shown in the standard format must be adhered to.

Bid Submission Sheet should be on the letterhead of the Bidder and should be signed by a person with the proper authority to sign documents that are binding on the Bidder. It should be included by the Bidder in its bid]

Form D 4.2.1 Financial Bid Submission Sheet

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

Procurement Reference No: **ASB-ZZZ2304/Works/2024/07**

To: The Head, Procurement Division

Arbeiter-Samariter-Bund (ASB)

Email: **manageradminfinance@asb-me.org**

We, the undersigned, declare that:

- (a) The total price of our Bid is: *[insert the total bid price in words and figures, indicating the various amounts and the respective currencies]*, inclusive of local taxes;
- (b) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity. If none has been paid or is to be paid, indicate "none"]*;

Name and address of Recipient	Purpose Reason	Currency and Amount

Name: _____ *[insert complete name of person signing the bid]*

In the capacity of _____ *[insert legal capacity of person signing the bid]*

Signed: _____ *[signature of person whose name and capacity are shown above]* Duly authorized to sign the bid for and on behalf of: _____ *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Form D 4.2.2 Price Schedule – Construction Build Works for the site

Bill of Quantity

“Rehabilitation of 11 water purification plants in Al-Alam District, Salah ad Din”

General Obligations Included within the Contract Cost:

- 1- All required works are subjected to the Iraqi's Standard Specifications and attached specifications. The measurements of all quantities of the implemented works will be calculated based on the actual findings and dimensions according to the engineering specifications.
- 2- All used materials must be subjected to the necessary laboratory tests both inside and outside the country as required. ASB engineers have the right to re-test any materials in the project in a different laboratory for some cases.
- 3- The Contractor is required to obtain an official approval by the supervisory committee before supplying any required materials, devices, systems...etc. or starting the implementation of any new items; including the provision of samples, mockup, catalogues for testing/inspection required to obtain this official approval.
- 4- The contractor is responsible for the safety of all activities in the site including the provision of all occupational safety requirements for all employees and workers (PPE).
- 5- The Contractor cannot demand all the quantities mentioned in the BoQ, if the final measurement will show less quantities.
- 6- All the concrete works in the project should be provided by approved ready mix concrete batching plant which should be subjected to all quality control tests periodically and all its gauges and materials balances are calibrated by Central Organization for Standardization and Quality Control (COSQR). The calibration certificates must be in force and not-expired.
- 7- The contractor is required to provide and install a prefabricated office of two rooms at least including kitchen and toilet for the supervisory committee of the project with all required furniture, electrical, mechanical and communications services. Also, it is required to provide only a one means of transport with its driver for the following-up of the project implementation by the committee.
- 8- The maintenance works of the defect liability period (4 months) includes all civil, sanitary, electrical and mechanical works.

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1. *The Bidder shall separately attach a breakdown of the Lump Sum amounts for the various activities for each site as shown below.*

Detailed Price Breakdown: Construction of site

**Rehabilitation of 11 water purification plants in Al-Alam District, Salah ad Din
- BoQ**

Note: Please fill out the numbers in the BoQ in english written numbers, otherwise the financial proposal will be disqualified.

**1. Bill of quantities for the maintenance and rehabilitation of Al-Boni Water Complex
affiliated to Al-Alam Water Center, Salah al-Din**

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط قفل دبل فلانج قطر (160) ملم	Preparing and connecting Double Flange Lock Valve diameter (160) mm	Number	2	IQD	IQD
2	تجهيز وربط جك ولف قطر (110) ملم	Preparing and connecting a (110) mm diameter check valve.	Number	2	IQD	IQD
3	تجهيز وربط ستارتر قياس (55) كيلوواط	Soft starter capacity (55) kW	Number	1	IQD	IQD

4	تجهيز المواد والمعدات والقيام بتنظيف حوض الترسيب بطريقة الرمل والهواء لصيانة وتصليح وتبديل الأجزاء المتضررة في حوض الترسيب مع ما يتطلبه العمل لضمان أداء عمل الحوض مع الصبغ بالايوكسي الاساس طيقتين ومن ثم الصبغ بالايوكسي الغذائي وبثلاث طبقات من الداخل مع الصبغ بالايوكسي طبقة واحدة ومن ثم بالطلاء الدهني اللامع وبثلاث طبقات من الخارج وحسب اللون الذي يحدده المهندس المشرف مع تجهيز وتركيب اللامبلا شيت وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing materials and equipment and cleaning the sedimentation tank using sand and air to maintain, repair and replace damaged parts in the sedimentation tank with what is required to ensure the tank performs excellently. With two layers of basic epoxy painting, then food safe epoxy painting and three layers from the inside with one layer of epoxy painting and then three layers of oil paint glossy from the outside and according to the color specified by the supervising engineer with preparing and installing the lamella sheet according to the approved technical specifications and the instructions of the supervising engineer	Number	1	IQD	IQD
5	تجهيز وربط قفل دبل فلانج قطر (110) ملم	Preparing and connecting Double Flange Lock Valve diameter (110) mm	Number	3	IQD	IQD
6	تجهيز وربط ونصب وفحص منظومتي الشب والكلور (الكلور السائل - هابيو) 2) كغم / س (ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminum Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD

7	تجهيز وربط قفل قطر (110) ملم	Preparing and connecting Lock Valve diameter (110) mm	Number	2	IQD	IQD
8	تجهيز وربط ستارتر حجم (30) كيلوواط	Soft starter capacity (33) kW	Number	1	IQD	IQD
	المجموع الكلي / فقط خمسة عشر مليون ومائتان وثمانون ألف دينار لا غير	Al-Boni Water Complex			Total in IQD	

2. Bill of quantities for the maintenance and rehabilitation of Awijila Water Complex affiliated to Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط قفل دبل فلانج قطر (160) ملم	Preparing and connecting Double Flange Lock Valve diameter (160) mm	Number	3	IQD	IQD
2	تجهيز وربط فلكسيل مطاطي قطر (110) ملم	Preparing and connecting rubber flexibles with a diameter of (110) mm	Number	2	IQD	IQD
3	تجهيز وربط فلكسيل مطاطي قطر (160) ملم	Preparing and connecting rubber flexibles with a diameter of (160) mm	Number	2	IQD	IQD
4	تجهيز وربط جك فالف دبل فلانج قطر (110) ملم	Preparing and connecting a (110) mm diameter check valve.	Number	1	IQD	IQD
5	تجهيز وربط جك فالف دبل فلانج قطر (160) ملم	Preparing and connecting a (160) mm diameter Double Flange check valve.	Number	1	IQD	IQD
6	تجهيز وربط اقفال تفريغ دبل فلانج قطر (110) ملم	Preparing and connecting the Lock Valve for discharge flange double diameter (110) mm	Number	3	IQD	IQD
7	تجهيز المواد والمعدات والقيام بتنظيف حوض الترسيب بطريقة الرمل والهواء لصيانة وتصليح وتبديل الأجزاء المتضررة في حوض الترسيب مع ما يتطلبه العمل لضمان أداء عمل الحوض مع الصبغ بالايوكسي الاساس طبقتين ومن ثم الصبغ بالايوكسي الغذائي وبثلاث طبقات من الداخل مع الصبغ بالايوكسي طبقة واحدة ومن ثم بالطلاء الدهني اللامع وبثلاث طبقات من الخارج وحسب اللون الذي يحدده المهندس المشرف مع تجهيز وتركيب اللامبلا شيت وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing materials and equipment and cleaning the sedimentation tank using sand and air to maintain, repair and replace damaged parts in the sedimentation tank with what is required to ensure the tank performs excellently. With two layers of basic epoxy painting, then food safe epoxy painting and three layers from the inside with one layer of epoxy painting and then three layers of oil paint glossy from the outside and according to the	Number	1	IQD	IQD

		color specified by the supervising engineer with preparing and installing the lamella sheet according to the approved technical specifications and the instructions of the supervising engineer				
8	تجهيز وربط ونصب وفحص منظومتي الشب والكلور (الكلور السائل - هايپو) 2) كغم / س (ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
9	تجهيز وربط سييت ولف عمل سامراء قطر (160) ملم	Preparing and connecting the safety valve, made in Samarra, diameter (160) mm	Number	2	IQD	IQD
10	تجهيز المواد والمعدات اللازمة والقيام بعمل سقيفة للمضخات بابعاد (3×3) م وبارتفاع (3 م) باستخدام البليت المضلع المغلول سمك (0,8 ملم) ومساند من الأنابيب الحديدية المربعة (5×10 سم) والركائز من الأنابيب الحديدية قطر (110 ملم) سمك (4 ملم) مع عمل ربط بين الاعمدة الخارجية على شكل حرف (X) لمقاومة الرياح والاحمال الجانبية باستخدام حديد شخاطة (1,5×3) انج مع عمل باجات من الحديد سمك 8 ملم للثبيت بابعاد (30×30) سم وتركيبها على وجه صبة القاعدة مع الاخذ بنظر الاعتبار عمل ميلان مناسب للسقيفة على أن تكون النهايات موصولة بانابيب من الحديد المغلول قطر (3 انج) لغرض تصريف المياه مع كافة	Preparing the necessary materials and equipment and shed for the making a pumps with dimensions of (3 x 3) m and a height of (3 m) using galvanized ribbed billet with a thickness of (0.8 mm) and supports square iron made of pipes (10 x 5 cm) and pillars made of iron pipes with a diameter of (110 mm) and a thickness of (4 mm) with making a connection between the external columns in the shape of the letter (X) to resist winds and side loads using iron (3 x 1.5) inches with making	m2	9	IQD	IQD

	اعمال الحدادة شاملا السعر الطلاء بمادة مانع الصدأ والطلاء الدهني للماع (ثلاث طبقات) وحسب توجيهات المهندس المشرف .	iron badges with a mm for 8 thickness of fixing with dimensions of (30 x 30) cm and installing them on the face of the base slab, taking into consideration making a the suitable slope for shed, so that the ends are connected to galvanized iron pipes diameter of (3 with a inches) for the purpose of draining water with blacksmithing all the work including the price of painting with a rust- material preventing and glossy paint (three layers) and according to the instructions of the supervising .engineer				
	المجموع الكلي / فقط خمسة عشر مليون ومائة وتسعون الف دينار لاغيرها	Awijila Water Complex			Total in IQD	

3. Bill of quantities for the maintenance and rehabilitation of the Al-Aid Water Complex affiliated to the Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط ونصب وفحص منظومتي الشب والكلور (الكلور السائل - هايپو) (2 كغم / س) ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminum Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
	المجموع الكلي / فقط خمسة لايين دينار لاغيرها	Al-Aid Water Complex			Total in IQD	

4. Bill of quantities for the maintenance and rehabilitation of the Bursa Water Complex affiliated to the Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط قفل دبل فلانج قطر (110) ملم	Preparing and connecting Double Flange Lock Valve diameter (110) mm	Number	4	IQD	IQD
2	تجهيز وربط فلكسبل مطاطي قطر (110) ملم	Preparing and connecting rubber flexibles with a diameter of (110) mm	Number	1	IQD	IQD
3	تجهيز وربط فلكسبل مطاطي قطر (3) انج	Preparing and connecting rubber flexibles with a diameter of 3 inch	Number	1	IQD	IQD
4	تجهيز وربط جك ولف قطر (110) ملم	Preparing and connecting a (110) mm diameter check valve.	Number	2	IQD	IQD
5	تجهيز المواد والمعدات والقيام بتنظيف حوض الترسيب بطريقة الرمل والهواء لصيانة وتصليح وتبديل الأجزاء المتضررة في حوض الترسيب مع ما يتطلبه العمل لضمان اداء عمل الحوض مع الصبغ بالايوكسي الاساس طبقتين ومن ثم الصبغ بالايوكسي الغذائي وبثلاث طبقات من الداخل مع الصبغ بالايوكسي طبقة واحدة ومن ثم بالطلاء الدهني اللامع وبثلاث طبقات من الخارج وحسب اللون الذي يحدده المهندس المشرف مع تجهيز وتركيب اللامبلا شيت وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing materials and equipment and cleaning the sedimentation tank using sand and air to maintain, repair and replace damaged parts in the sedimentation tank with what is required to ensure the tank performs excellently. With two layers of basic epoxy painting, then food safe epoxy painting and three layers from the inside with one layer of epoxy painting and then three layers of oil paint glossy from the outside and according to the colour specified by the supervising engineer with preparing and installing the lamella sheet according to the approved technical specifications and the instructions of the supervising engineer	Number	1	IQD	IQD

6	تجهيز وربط ونصب وفحص منظومتي الشب والكلور (الكلور السائل - هايبو) (2 كغم / س) ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
	المجموع الكلي / فقط ثلاثة عشر مليون ومائة وعشرون الف دينار لاغيرها	Bursa Water Complex			Total in IQD	

5. Bill of quantities for the maintenance and rehabilitation of Alahd Aljaded Water Complex affiliated to the Al-Ilm Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط قفل دبل فلانج قطر (160) ملم	Preparing and connecting Double Flange Lock Valve diameter (160) mm	Number	6	IQD	IQD
2	تجهيز وربط فلكسبل مطاطي قطر (225) ملم	Preparing and connecting rubber flexibles with a diameter of (225) mm	Number	2	IQD	IQD
3	تجهيز وربط ونصب وفحص منظومتي الشب والكلور (الكلور السائل - هايبو) (2 كغم / س) ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
	المجموع الكلي / فقط ستة ملايين وتسعمائة الف دينار لاغيرها	Alahd Aljaded Water Complex			Total in IQD	

6. Bill of quantities for the maintenance and rehabilitation of Al-Ja'ata Water Complex affiliated to Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط ونصب وفحص منظومتي الشب والكور (الكور السائل - هايبو) 2) كغم / س (ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
	المجموع الكلي / فقط خمسة ملايين دينار لاغيرها	Al-Ja'ata Water Complex			Total in IQD	

7. Bill of quantities for the maintenance and rehabilitation of Al-Shiyal Water Complex affiliated to Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط ستارتر قياس (55) كيلواط	Soft starter capacity (55) kW	Number	1	IQD	IQD
	المجموع الكلي / فقط مليون دينار لاغيرها	Al-Shiyal Water Complex			Total in IQD	

8. Bill of quantities for the maintenance and rehabilitation of Al-Jafal Water Complex affiliated to Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز ونصب مضخة دفع سعة 100 م3/3 سا split 60 × case مع تجهيز ونصب البورد الكهربائي والقاطبات المطلوبة للربط بين البورد والمحولة من جهة وبين البورد والمضخة من جهة اخرى مع كل مايتطلبه العمل من انابيب حديد وعكوس وتقاسيم وأقفال	Preparing and installing a push pump with a capacity of (100 m3/h x 60 m) split case, with preparing and installing the electrical board and cables required to connect the board to the transformer on the one hand and the board to the pump on the other hand, with all pipe fittings, valve, rubber	Number	1	IQD	IQD

	مع الجوين المطاطي (فلكسيل) واقفال مانع رجوع وحسب المواصفات الفنية المعتمدة لدى المديرية العامة للماء وتوجيهات المهندس المشرف .	joints (flexible) and check valve. according to the technical specifications approved by the General Directorate of Water and the instructions of the supervising engineer.				
2	تجهيز وربط ونصب وفحص منظومتي الشب والكلور (الكلور السائل - هايپو) (2 كغم / س) ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
3	تجهيز وربط فلكسيل مطاطي قطر (160) ملم	Preparing and connecting rubber flexibles with a diameter of (160) mm	Number	2	IQD	IQD
4	تجهيز وربط جك فالف دبل فلانج قطر (110) ملم	Preparing and connecting a (110) mm diameter Double Flange check valve.	Number	2	IQD	IQD
5	تجهيز وربط قفل دبل فلانج قطر (110) ملم	Preparing and connecting rubber flexibles with a diameter of (110) mm	Number	2	IQD	IQD
6	تجهيز المواد والمعدات والقيام بتنظيف حوض الترسيب بطريقة الرمل والهواء لصيانة وتصليح وتبديل الأجزاء المتضررة في حوض الترسيب مع ما يتطلبه العمل لضمان اداء عمل الحوض مع الصبغ بالايوكسي الاساس طبقتين ومن ثم الصبغ بالايوكسي الغذائي وبثلاث طبقات من الداخل مع الصبغ بالايوكسي طبقة واحدة ومن ثم بالطلاء الدهني اللامع وبثلاث طبقات من الخارج وحسب اللون الذي يحدده المهندس المشرف مع	Preparing materials and equipment and cleaning the sedimentation tank using sand and air to maintain, repair and replace damaged parts in the sedimentation tank with what is required to ensure the tank performs excellently. With two layers of basic epoxy painting, then food safe epoxy painting and three layers from the inside with one layer of epoxy painting and then three layers of oil paint glossy from the outside and according to the colour specified by the	Number	1	IQD	IQD

	تجهيز وتركيب اللامبلا شيت وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	supervising engineer with preparing and installing the lamella sheet according to the approved technical specifications and the instructions of the supervising engineer				
	المجموع الكلي / فقط واحد وعشرون مليون وتسعمائة واربعون الف دينار لاغيرها	Al-Jafal Water Complex			Total in IQD	

9. Bill of quantities for the maintenance and rehabilitation of Alaskari district water complex affiliated to the Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط ونصب وفحص منظومتي الشب والكلور (الكلور السائل - هايبو) (2 كغم / س) ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
2	تجهيز وربط جك فالف دبل فلانج قطر (160) ملم	Preparing and connecting a (160) mm diameter Double Flange check valve.	Number	2	IQD	IQD
3	تجهيز وربط فلكسيل مطاطي قطر (225) ملم	Preparing and connecting rubber flexibles with a diameter of (225) mm	Number	2	IQD	IQD
4	تجهيز وربط فلكسيل مطاطي قطر (160) ملم	Preparing and connecting rubber flexibles with a diameter of (160) mm	Number	4	IQD	IQD
5	تجهيز وربط قفل دبل فلانج قطر (225) ملم	Preparing and connecting Double Flange Lock Valve diameter (225) mm	Number	2	IQD	IQD
6	تجهيز وربط قفل دبل فلانج قطر (160) ملم	Preparing and connecting Double	Number	10	IQD	IQD

		Flange Lock Valve diameter (160) mm				
7	تجهيز وربط انبوب حديد قطر (225) ملم	Preparing and connecting an iron pipe with a diameter of (225) mm	m	20	IQD	IQD
8	تجهيز وربط انبوب حديد قطر (160) ملم	Preparing and connecting an iron pipe with a diameter of (160) mm	m	40	IQD	IQD
9	تجهيز وربط قفل فراشة قطر (110) ملم	Preparing and connecting Lock Valve diameter (110) mm	Number	6	IQD	IQD
	المجموع الكلي / فقط اربعة عشر مليون وخمسون الف دينار لاغيرها	Alaskari district water complex			Total in IQD	

10. Bill of quantities for the maintenance and rehabilitation of the Al-Basat Al-Akhdar water complex affiliated to the Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز المواد والمعدات والقيام بتنظيف حوض الترسيب بطريقة الرمل والهواء لصيانة وتصلح وتبديل الأجزاء المتضررة في حوض الترسيب مع ما يتطلبه العمل لضمان اداء عمل الحوض مع الصبغ بالايوكسي الاساس طيقتين ومن ثم الصبغ بالايوكسي الغذائي وبثلاث طبقات من الداخل مع الصبغ بالايوكسي طبقة واحدة ومن ثم بالطلاء الدهني اللامع وبثلاث طبقات من الخارج وحسب اللون الذي يحدده المهندس المشرف مع تجهيز وتركيب اللامبلا شيت وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing materials and equipment and cleaning the sedimentation tank using sand and air to maintain, repair and replace damaged parts in the sedimentation tank with what is required to ensure the tank performs excellently. With two layers of basic epoxy painting, then food safe epoxy painting and three layers from the inside with one layer of epoxy painting and then three layers of oil paint glossy from the outside and according to the colour specified by the supervising engineer with preparing and installing the lamella sheet according to the approved technical specifications and the instructions of the supervising engineer	Number	1	IQD	IQD

2	تجهيز وربط ونصب وفحص منظومتي الشب والكور (الكور السائل - هايبو) 2 كغم / س) ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD
3	تجهيز وربط فلكسبل مطاطي قطر (160) ملم	Preparing and connecting rubber flexibles with a diameter of (160) mm	Number	2	IQD	IQD
4	تجهيز وربط جك فالف دبل فلانج قطر (160) ملم	Preparing and connecting a (160) mm diameter check valve.	Number	2	IQD	IQD
المجموع الكلي / فقط ثلاثة عشر مليون دينار لاغيرها		Al-Basat Al-Akhdar water complex			Total in IQD	

11. Bill of quantities for the maintenance and rehabilitation of Al-Hawija Water Complex affiliated to Al-Alam Water Center

No	التفاصيل	Items english	Unit English	Quantity	Unit price in IQD	Total in IQD
1	تجهيز وربط ونصب وفحص منظومتي الشب والكور (الكور السائل - هايبو) 2 كغم / س) ومن المناشئ الرصينة مع كافة التراكيب والمواد اللازمة للمنظومتين وربطها في المناطق المخصصة لها مع كل ما يتطلبه العمل لضمان الاداء الجيد للمنظومات وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing, connecting, installing and inspecting Aluminium Plunger Alum Dosing Systems and Chlorine System (Liquid Chlorine - Hypo) (2 kg/h) from reliable sources with all the necessary components and materials for the two systems and connecting them in the areas designated for them with everything required for the work to ensure good performance of the systems and according to the approved technical specifications and the instructions of the supervising engineer.	Number	1	IQD	IQD

2	تجهيز المواد والمعدات والقيام بتنظيف حوض الترسيب بطريقة الرمل والهواء لصيانة وتصليح وتبديل الأجزاء المتضررة في حوض الترسيب مع ما يتطلبه العمل لضمان اداء عمل الحوض مع الصبغ بالايوكسي الاساس طبقتين ومن ثم الصبغ بالايوكسي الغذائي وثلاث طبقات من الداخل مع الصبغ بالايوكسي طبقة واحدة ومن ثم بالطلاء الدهني اللامع وثلاث طبقات من الخارج وحسب اللون الذي يحدده المهندس المشرف مع تجهيز وتركيب اللامبلا شيت وحسب المواصفات الفنية المعتمدة و توجيهات المهندس المشرف	Preparing materials and equipment and cleaning the sedimentation tank using sand and air to maintain, repair and replace damaged parts in the sedimentation tank with what is required to ensure the tank performs excellently. With two layers of basic epoxy painting, then food safe epoxy painting and three layers from the inside with one layer of epoxy painting and then three layers of oil paint glossy from the outside and according to the colour specified by the supervising engineer with preparing and installing the lamella sheet according to the approved technical specifications and the instructions of the supervising engineer	Number	1	IQD	IQD
3	تجهيز وربط فلكسيل مطاطي قطر (160) ملم	Preparing and connecting rubber flexibles with a diameter of (160) mm	Number	2	IQD	IQD
4	تجهيز وربط جك فالف دبل فلانج قطر (110) ملم	Preparing and connecting a (110) mm diameter check valve.	Number	2	IQD	IQD
	المجموع الكلي / فقط اثني عشر مليون وستمائة وستون الف دينار لاغيرها	Al-Hawija Water Complex			Total in IQD	
		All 11 water purification plants in Al-Alam District			Grand Total in IQD	

Signature.....
(A person or persons authorized to sign on behalf of the Bidder)

Date:2024

4.2.5 Cash Flow Projections

Each Bidder shall set out details of the Cash Flow Projection indicating quarterly projected expenditure throughout the duration of the Contract, both the percent of the Accepted Contract Amount and the cumulative percentage of the Accepted Contract Amount by quarter. The Cash Flow Projections shall address the following, taking into consideration payment of the Advance Payment, amortization of the Advance Payment, withholding of the Retention, and release of the Retention:

- (a) The periodic payments by milestones for the design and construction of the Design and Construction Works.
- (b) The periodic payments based on measurement for the construction of the Design and Construction Works, as applicable.

PART 2 – EMPLOYER’S REQUIREMENTS

1. Scope of Works

EMPLOYER'S REQUIREMENTS

1. BACKGROUND

The requirement is to rehabilitate 11 water purification plants in Al-Alam District, Salah ad Din.

1.1 LOCATION OF THE PROPOSED site:

The project is located in Al-Alam District, Salah ad Din.

2. PROJECT OBJECTIVE

The overall objective of this project is to rehabilitate 11 water purification plants in Al-Alam District, within 2 months and with 4 months Defects Liability Period. The sanitary group shall be designed and constructed as per the requirement of Ministry of Education manuals, and other good industry practices and relevant codes and references.

3. SCOPE OF WORK

The works to be completed by this contractor shall include the rehabilitation work as per each item in the BoQ.

4. TECHNICAL REQUIREMENTS

4.1 Design Requirements for Civil/Structural

N.A.

4.2 Detailed Design

N.A.

4.3 Cost Estimates

N.A.

4.4 Detailed Engineering Design Report

N.A.

5. REPORTING REQUIREMENTS

The successful bidder shall be required to prepare the following technical reports.

Report	Timing	Description
Project Completion Report	2 months after Start	Report shall explicitly document on all activities executed including surveys, investigations, design standards, construction work challenges, value engineering adopted, departures from standards, status of payments, materials specifications applied, as built drawings, operations and maintenance recommendations etc. (01 Hardcopy & Soft Copy)

(a) Meetings of the Contractor and the Client

The Contractor will ensure that regular meetings and interfaces with the Client are held during the assignment. It is expected that at least the contractor shall be proactive in seeking for and organizing such a meeting to clarify on aspects of the assignment as and when required in a timely fashion. This shall also include interfacing with other stakeholders of the project.

(b) Meetings of the Contractor and stakeholders or end users

The Contractor shall propose a regular schedule for such meetings/interface and proceed to arrange, convene and meet the arising cost. The end users are DoE Salah ad Din and or their official delegates.

(c) Particular requirements for reporting and approvals

- Form and language of reports: The Contractor shall submit written reports in the English Language, in addition to drawings and other pertinent technical illustrations, at the end of each stage.
- The Contractor shall take into account all comments received from concerned parties and modify or cause to be modified the reports, drawings and documents accordingly.
- All data shall be in units of the metric system and all prices shall be quoted in Iraqi Dinar.
- The general paper format for the presentation of reports shall be size A4 (210 x 297mm) with A4 multiples folded down to that size, except for drawing where appropriate paper sizes shall be used.
- The Contractor shall bear the cost of printing and reproduction of all reports and documents under this assignment as well as all associated cost of submissions and obtaining of approvals/Comments as appropriate.
- Reports shall be submitted both in soft copy (as e-mail) as well as in hardcopy. The form and number of copies is scheduled in the next table.
- **Contact Person:** for purposes of managing the assignment and receiving communications/issuing notices, there shall be an appointed ASB's **Contract Manager** to coordinate all related contract issues for the contract period.
- **Cost of making changes to reports and documents:** In the event that the Contractor's reports or designs and documents are found unacceptable/not meeting the contract requirement at any stage of the project, the Contractor will resubmit revised reports or documents or designs at no additional cost. Any revisions required by ASB following submissions for approval will be completed by the Contractor within the lump sum cost for the project.
- **Return of documents, Soft Copies and Software to the Client:** At the end of the assignment, the Contractor shall return to ASB, documents, reports and all written communications originating from both parties and put at the disposal of the Contractor for the purpose of the project, together with an inventory.
- Neither the Contractor nor any of their staff shall claim a right of authorship or design patent on the contents of any of the reports and documents submitted during the project.
- The Contractor shall submit reports and documents to ASB and in the numbers indicated in Table below and at the relevant stage for the necessary review, comments and approval of ASB.

Reports detailing the progress and the technical information/design of each activity schedule will be submitted for approval. The submission of these reports will conform to the timeliness indicated in the activity schedules submitted.

6. QUALITY ASSURANCE

The Contractor shall operate a quality management system complying with ISO 9001: 2001 for the duration of the Contract. The quality management system shall describe the management, organization, responsibilities, procedures, processes, resources and programme for the Works and shall cover all stages of the Contract including design, execution, construction, completion, testing, commissioning and activities during the Defects Notification Period. The quality management system shall be contained in the Design quality plan; and the Construction quality plan.

Where a quality plan refers to or relies on the Contractor's quality manual or procedures the relevant part of that manual or procedure shall be reproduced in the relevant Quality Plan.

6.1 Construction Quality Plan

The construction quality plan shall contain (as a minimum): -

- Definition of standard specifications to be used in the execution of the assignment;
- Identification of key personnel, with CV's;
- A list of Subcontractors to be employed;
- A list of quality procedures and method statements to be provided (paying particular attention to control of Subcontractors' Work);
- Description of specialist activities and personnel;
- Description of arrangements for quality control of purchased products and materials;
- Description of control of workmanship;
- The Contractor's designer's key personnel for examination of the Works, with CV's.
- The Contractor shall provide an organizational chart showing the interrelationship between these staff, design office staff and the Contractor's staff for construction.

6.2 Quality Audits

The Contractor shall afford full opportunity for the Engineer to examine and audit the quality management system and quality plans and those of its Subcontractors and suppliers to ensure that the requirements of the Contract are being met. These quality audits will be undertaken on a regular basis but reasonable notice shall be given to the Contractor by the Engineer of the date of any such audit.

The Contractor shall rectify all non-compliances notified as a result of the audit by the Engineer within the timescale set for such notification.

In the event of specific problems arising, special audits, over and above the stated routine audits may also be performed.

7. EQUIPMENT CAPABILITY

The contractor shall include in his bid a list of equipment that he proposes to use to execute the project he plans to implement and demonstrate that he has sufficient equipment to execute the assignment(s). The contractor should further indicate whether he owns, or has assured access to (through hire, lease, purchase agreement, availability

of manufacturing capacity, or other means), the equipment indicated. In allocating various equipment for these projects,

8. PROJECT PERFORMANCE SPECIFICATIONS

Contract Time

The entire project should be implemented within **2 months' period**.

Quality/Condition at Delivery (Project Completion)

Should an element of the water purification plant facilities be classified as failed, the failures must be repaired as specified if one of the following conditions appears by the end of the defects liability period before handover by the Contractor to ASB: –

- Defective concrete or steel surfaces exhibiting any form of structural or none structural deficiency,
- Excessive deflection beyond acceptable limits, which are required under the relevant codes/good industry practices applied.
- Collapse of any part or the whole of the designed and constructed facility except in event of Force Majeure (that occasioned by Acts of God or as provided under the ensuing contract);
- Sub-base saturation resulting in loss of strength and stability making the structure susceptible to breakup or deform excessively
- Differential settlement;
- Joint failures.

It should be noted that causes of any of the above defects must first be identified before any corrective intervention is agreed and implemented by the contractor engineers.

Work Plan

Each Bidder shall set out a detailed Work Program, CVs of experienced personnel and Schedule for design and construction of the Design and Build Works to be undertaken, risk management plan including estimated start and finish dates for individual components and identification of major milestones and critical path. The proposed Program and Schedule shall be developed according to Employer's Requirements. and shall address the following:

- (a) Details of the proposed schedule for design of the Design and Build Works, including the submission of design documents, review and approval.
- (b) CVs of the following registered personnel with relevant experience:
 - **Construction manager:** Should have a Bachelor of Science in Architect/Water Engineering degree from a recognized University, registered with requisite professional institutions, and having experience of at least 5 years of similar experience in supervision of similar work, 5 years of which should be specific to Factory infrastructure.
 - The team leader shall also have experience in contract/project management and knowledge in Iraq procurement guidelines and regulations.
 - **Site engineer:** Should have Bachelor of Science in Architect/Water Engineering degree from a recognized University, qualified and competent registered professional with practicing certificate, and having experience of at least 3 years of similar experience in supervision of similar work.
- (c) Details of the proposed timeline for carrying out the Design and Build Works within the Time for Completion, in the form of a Gantt Chart (in MS Project) showing clearly the critical path activities.
- (d) Details of the proposed timeline for the testing, commissioning and handing over.
- (e) *[Other proposed measures as may be appropriate].*

Environmental Considerations

The Bidder shall provide the documents to show that it has in place sufficient environmental awareness to be able to perform responsibilities in accordance with the Iraqi environmental laws.

The Bidder shall demonstrate in a narrative section of its Technical Offer that it possesses a high level of Environmental and Social (“E&S”) management expertise and can successfully manage the E&S risks associated with the implementation of the proposed Design and Build Works, as follows:

- (a) Describe the proposed approach to managing E&S impacts during implementation of this projects, including a description of the mitigation measures that will be used and international E&S standards that may be applicable; provide enough detail to demonstrate an understanding of the critical E&S issues related to the projects that are in three distinct location with different site conditions; and

Health & Safety Plan

The Bidder shall provide the documents to show that it has in place sufficient safety policy documents and safety awareness to be able to perform their responsibilities in a safe and secure manner, considering the sensitive of the factory projects.

The Bidder shall demonstrate in a narrative section of its Technical Offer that its possesses a high level of Health and Safety (“H&S”) management expertise and can successfully manage the H&S risks related to the implementation of the Design and Build Works. To demonstrate this, the Bidder shall provide the following:

- (a) Describe proposed H&S staffing, roles and responsibilities, and management structure;
- (b) Describe the proposed equipment and facilities for managing H&S impacts during implementation of the Design and Build Works.
- (c) Indicates in his proposal the rescue facilities he intends to employ during the implementation stage.