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INVITATION TO BID

Supply of Waste Vehicles for Municipalities

ITB No.: UNDP-TUR-ITB(USBPRM)-2020/03

Project: Effective Urban Waste Management for Host Communities Phase II: Strengthening Social Cohesion Through Participatory Waste Management

Country: Turkey

Issued on: 11 February 2020

Contents

SECTION 1. LETTER OF INVITATION

The United Nations Development Programme (UNDP) hereby invites you to submit a Bid to this Invitation to Bid (ITB) for the above-referenced subject.

This ITB includes the following documents and the General Terms and Conditions of Contract which is inserted in the Bid Data Sheet:

Section 1: This Letter of Invitation
Section 2: Instruction to Bidders
Section 3: Bid Data Sheet (BDS)
Section 4: Evaluation Criteria
Section 5: Schedule of Requirements and Technical Specifications
Section 6: Returnable Bidding Forms

- Form A: Bid Submission Form
- Form B: Bidder Information Form
- Form C: Joint Venture/Consortium/Association Information Form
- Form D: Qualification Form
- Form E: Format of Technical Bid
- Form F: Price Schedule/Bill of Quantities
- Form G: Form of Bid Security

If you are interested in submitting a Bid in response to this ITB, please prepare your Bid in accordance with the requirements and procedure as set out in this ITB and submit it by the Deadline for Submission of Bids set out in Bid Data Sheet.

Please be informed that this procurement process is being conducted through the online tendering system of UNDP. Bidders who wish to submit an offer must be registered in the system.

- Visit this page for system user guides and videos in different languages:

http://www.undp.org/content/undp/en/home/operations/procurement/business/procurementnotices/resources/

- If already registered, go to https://etendering.partneragencies.org and sign in using your username and password.

- Use "Forgotten password" link if you do not remember your password. Do not create a new profile.

- If you have never registered in the system before, you can register by visiting the link below and follow the instructions in the user guide (attached): https://etendering.partneragencies.org

  o Username: event.guest

  o Password: why2change

- It is strongly recommended to create a username with two parts: your first name and last name separated by a ".", (similar to the one shown above). Once registered you will receive a valid password to the registered email address which you can use for signing in and changing your password.

- Please note that your new password should meet the following criteria:

  o Minimum 8 characters

  o At least one UPPERCASE LETTER

  o At least one lowercase letter

  o At least one number

You can view and download tender documents with the guest account as per the above username and password, However, if you are interested to participate, you must register in the system and subscribe to this tender to be notified when amendments are made.

E-Mail and Hard Copy Submissions are not accepted. Bids shall be submitted through e-tendering

only.

However, **Original Bid Security** shall be delivered to the below address on or before the submission deadline indicated in e-tendering system, with a PDF copy submitted as part of the electronic submission.

Focal Point: Çağlar Selçuk, Procurement Officer

Yıldız Kule, 21st Floor, Dikmen Mahallesi, Turan Güneş Bulvarı, No:106, Kat:21, 06550, Çankaya, Ankara, Turkey

If you are interested in submitting a Bid in response to this ITB, please prepare your Bid in accordance with the requirements and procedure as set out in this ITB and submit it by the Deadline for Submission of Bids set out in the eTendering System. Note that e-tendering system time zone is in **EST/EDT (New York)** time zone.

Please acknowledge receipt of this ITB by utilizing the "Accept Invitation" function in eTendering system. This will enable you to receive amendments or updates to the ITB. Should you require further clarifications, kindly communicate with the contact person/s identified in the attached Data Sheet as the focal point for queries on this ITB.

UNDP looks forward to receiving your Bid and thank you in advance for your interest in UNDP procurement opportunities.

Sincerely;

UNDP TURKEY Country Office

SECTION 2. INSTRUCTION TO BIDDERS

GENERAL PROVISIONS	
1. Introduction	1.1 Bidders shall adhere to all the requirements of this ITB, including any amendments made in writing by UNDP. This ITB is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement which can be accessed at https://popp.undp.org/SitePages/POPPBSUnit.aspx?TermID=254a9f96-b883-476a-8ef8-e81f93a2b38d 1.2 Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this ITB. 1.3 UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website. 1.4 As part of the bid, it is desired that the Bidder registers at the United Nations Global Marketplace (UNGM) website (www.ungm.org). The Bidder may still submit a bid even if not registered with the UNGM. However, if the Bidder is selected for contract award, the Bidder must register on the UNGM prior to contract signature.
2. Fraud & Corruption, Gifts and Hospitality	2.1 UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti 2.2 Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches or dinners. 2.3 In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract. 2.4 All Bidders must adhere to the UN Supplier Code of Conduct, which may be found at http://www.un.org/depts/ptd/pdf/conduct_english.pdf
3. Eligibility	3.1 A vendor should not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. 3.2 It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.

4. Conflict of Interests	4.1	Bidders must strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified. Without limitation on the generality of the above, Bidders, and any of their affiliates, shall be considered to have a conflict of interest with one or more parties in this solicitation process, if they: a) Are or have been associated in the past, with a firm or any of its affiliates which have been engaged by UNDP to provide services for the preparation of the design, specifications, Terms of Reference, cost analysis/estimation, and other documents to be used for the procurement of the goods and services in this selection process; b) Were involved in the preparation and/or design of the programme/project related to the goods and/or services requested under this ITB; or c) Are found to be in conflict for any other reason, as may be established by, or at the discretion of UNDP.
	4.2	In the event of any uncertainty in the interpretation of a potential conflict of interest, Bidders must disclose to UNDP, and seek UNDP's confirmation on whether or not such conflict exists.
	4.3	Similarly, the Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this ITB; and b) All other circumstances that could potentially lead to actual or perceived conflict of interest, collusion or unfair competition practices. Failure to disclose such an information may result in the rejection of the Bid or Bids affected by the non-disclosure.
	4.4	The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this ITB, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.
B. PREPARATION OF BIDS		
5. General Considerations	5.1	In preparing the Bid, the Bidder is expected to examine the ITB in detail. Material deficiencies in providing the information requested in the ITB may result in rejection of the Bid.
	5.2	The Bidder will not be permitted to take advantage of any errors or omissions in the ITB. Should such errors or omissions be discovered, the Bidder must notify the UNDP accordingly.
6. Cost of Preparation of Bid	6.1	The Bidder shall bear all costs related to the preparation and/or submission of the Bid, regardless of whether its Bid is selected or not. UNDP shall not be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.
7. Language	7.1	The Bid, as well as any and all related correspondence exchanged by the Bidder and UNDP, shall be written in the language (s) specified in the BDS.
8. Documents Comprising the Bid	8.1	The Bid shall comprise of the following documents and related forms which details are provided in the BDS: a) Documents Establishing the Eligibility and Qualifications of the Bidder;

	b) Technical Bid; c) Price Schedule; d) Bid Security, if required by BDS; e) Any attachments and/or appendices to the Bid.
9. Documents Establishing the Eligibility and Qualifications of the Bidder	9.1 The Bidder shall furnish documentary evidence of its status as an eligible and qualified vendor, using the Forms provided under Section 6 and providing documents required in those forms. In order to award a contract to a Bidder, its qualifications must be documented to UNDP's satisfaction.
10. Technical Bid Format and Content	10.1 The Bidder is required to submit a Technical Bid using the Standard Forms and templates provided in Section 6 of the ITB. 10.2 Samples of items, when required as per Section 5, shall be provided within the time specified and unless otherwise specified by the Purchaser, at no expense to the UNDP. If not destroyed by testing, samples will be returned at Bidder's request and expense, unless otherwise specified. 10.3 When applicable and required as per Section 5, the Bidder shall describe the necessary training programme available for the maintenance and operation of the equipment offered as well as the cost to the UNDP. Unless otherwise specified, such training as well as training materials shall be provided in the language of the Bid as specified in the BDS. 10.4 When applicable and required as per Section 5, the Bidder shall certify the availability of spare parts for a period of at least five (5) years from date of delivery, or as otherwise specified in this ITB.
11. Price Schedule	11.1 The Price Schedule shall be prepared using the Form provided in Section 6 of the ITB and taking into consideration the requirements in the ITB. 11.2 Any requirement described in the Technical Bid but not priced in the Price Schedule, shall be assumed to be included in the prices of other activities or items, as well as in the final total price.
12. Bid Security	12.1 A Bid Security, if required by BDS, shall be provided in the amount and form indicated in the BDS. The Bid Security shall be valid for a minimum of thirty (30) days after the final date of validity of the Bid. 12.2 The Bid Security shall be included along with the Bid. If Bid Security is required by the ITB but is not found in the Bid, the offer shall be rejected. 12.3 If the Bid Security amount or its validity period is found to be less than what is required by UNDP, UNDP shall reject the Bid. 12.4 In the event an electronic submission is allowed in the BDS, Bidders shall include a copy of the Bid Security in their bid and the original of the Bid Security must be sent via courier or hand delivery as per the instructions in BDS. 12.5 The Bid Security may be forfeited by UNDP, and the Bid rejected, in the event of any, or combination, of the following conditions: a) If the Bidder withdraws its offer during the period of the Bid Validity specified in the BDS, or; b) In the event the successful Bidder fails: i. to sign the Contract after UNDP has issued an award; or ii. to furnish the Performance Security, insurances, or other documents that UNDP may require as a condition precedent to the effectivity of the contract that may be awarded to the Bidder.
13. Currencies	13.1 All prices shall be quoted in the currency or currencies indicated in the BDS. Where Bids are quoted in different currencies, for the purposes of comparison of all Bids:

	a) UNDP will convert the currency quoted in the Bid into the UNDP preferred currency, in accordance with the prevailing UN operational rate of exchange on the last day of submission of Bids; and b) In the event that UNDP selects a Bid for award that is quoted in a currency different from the preferred currency in the BDS, UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.
14. Joint Venture, Consortium or Association	14.1 If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture. 14.2 After the Deadline for Submission of Bid, the lead entity identified to represent the JV, Consortium or Association shall not be altered without the prior written consent of UNDP. 14.3 The lead entity and the member entities of the JV, Consortium or Association shall abide by the provisions of Clause 9 herein in respect of submitting only one Bid. 14.4 The description of the organization of the JV, Consortium or Association must clearly define the expected role of each of the entities in the joint venture in delivering the requirements of the ITB, both in the Bid and the JV, Consortium or Association Agreement. All entities that comprise the JV, Consortium or Association shall be subject to the eligibility and qualification assessment by UNDP. 14.5 A JV, Consortium or Association in presenting its track record and experience should clearly differentiate between: a) Those that were undertaken together by the JV, Consortium or Association; and b) Those that were undertaken by the individual entities of the JV, Consortium or Association. 14.6 Previous contracts completed by individual experts working privately but who are permanently or were temporarily associated with any of the member firms cannot be claimed as the experience of the JV, Consortium or Association or those of its members, but should only be claimed by the individual experts themselves in their presentation of their individual credentials 14.7 JV, Consortium or Associations are encouraged for high value, multi-sectoral requirements when the spectrum of expertise and resources required may not be available within one firm.
15. Only One Bid	15.1 The Bidder (including the individual members of any Joint Venture) shall submit only one Bid, either in its own name or as part of a Joint Venture. 15.2 Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following: a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or c) they have the same legal representative for purposes of this ITB; or

		d) they 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 regarding this ITB process; e) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this ITB process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.
16. Bid Validity Period	16.1	Bids shall remain valid for the period specified in the BDS, commencing on the Deadline for Submission of Bids. A Bid valid for a shorter period may be rejected by UNDP and rendered non-responsive.
	16.2	During the Bid validity period, the Bidder shall maintain its original Bid without any change, including the availability of the Key Personnel, the proposed rates and the total price.
17. Extension of Bid Validity Period	17.1	In exceptional circumstances, prior to the expiration of the Bid validity period, UNDP may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing, and shall be considered integral to the Bid.
	17.2	If the Bidder agrees to extend the validity of its Bid, it shall be done without any change to the original Bid.
	17.3	The Bidder has the right to refuse to extend the validity of its Bid, in which case, the Bid shall not be further evaluated.
18. Clarification of Bid (from the Bidders)	18.1	Bidders may request clarifications on any of the ITB documents no later than the date indicated in the BDS. Any request for clarification must be sent in writing in the manner indicated in the BDS. If inquiries are sent other than specified channel, even if they are sent to a UNDP staff member, UNDP shall have no obligation to respond or confirm that the query was officially received.
	18.2	UNDP will provide the responses to clarifications through the method specified in the BDS.
	18.3	UNDP shall endeavour to provide responses to clarifications in an expeditious manner, but any delay in such response shall not cause an obligation on the part of UNDP to extend the submission date of the Bids, unless UNDP deems that such an extension is justified and necessary.
19. Amendment of Bids	19.1	At any time prior to the deadline of Bid submission, UNDP may for any reason, such as in response to a clarification requested by a Bidder, modify the ITB in the form of an amendment to the ITB. Amendments will be made available to all prospective bidders.
	19.2	If the amendment is substantial, UNDP may extend the Deadline for submission of Bid to give the Bidders reasonable time to incorporate the amendment into their Bids.
20. Alternative Bids	20.1	Unless otherwise specified in the BDS, alternative Bids shall not be considered. If submission of alternative Bid is allowed by BDS, a Bidder may submit an alternative Bid, but only if it also submits a Bid conforming to the ITB requirements. Where the conditions for its acceptance are met, or justifications are clearly established, UNDP reserves the right to award a contract based on an alternative Bid.
	20.2	If multiple/alternative bids are being submitted, they must be clearly marked as "Main Bid" and "Alternative Bid"
21. Pre-Bid Conference	21.1	When appropriate, a pre-bid conference will be conducted at the date, time and

	location specified in the BDS. All Bidders are encouraged to attend. Non-attendance, however, shall not result in disqualification of an interested Bidder. Minutes of the Bidder's conference will be disseminated on the procurement website and shared by email or on the e-Tendering platform as specified in the BDS. No verbal statement made during the conference shall modify the terms and conditions of the ITB, unless specifically incorporated in the Minutes of the Bidder's Conference or issued/posted as an amendment to ITB.
C. SUBMISSION AND OPENING OF BIDS	
22. Submission	22.1 The Bidder shall submit a duly signed and complete Bid comprising the documents and forms in accordance with requirements in the BDS. The Price Schedule shall be submitted together with the Technical Bid. Bid can be delivered either personally, by courier, or by electronic method of transmission as specified in the BDS. 22.2 The Bid shall be signed by the Bidder or person(s) duly authorized to commit the Bidder. The authorization shall be communicated through a document evidencing such authorization issued by the legal representative of the bidding entity, or a Power of Attorney, accompanying the Bid. 22.3 Bidders must be aware that the mere act of submission of a Bid, in and of itself, implies that the Bidder fully accepts the UNDP General Contract Terms and Conditions.
Hard copy (manual) submission	22.4 Hard copy (manual) submission by courier or hand delivery allowed or specified in the BDS shall be governed as follows: a) The signed Bid shall be marked "Original", and its copies marked "Copy" as appropriate. The number of copies is indicated in the BDS. All copies shall be made from the signed original only. If there are discrepancies between the original and the copies, the original shall prevail. (b) The Technical Bid and Price Schedule must be sealed and submitted together in an envelope, which shall: i. Bear the name of the Bidder; ii. Be addressed to UNDP as specified in the BDS; and iii. Bear a warning not to open before the time and date for Bid opening as specified in the BDS. If the envelope with the Bid is not sealed and marked as required, UNDP shall assume no responsibility for the misplacement, loss, or premature opening of the Bid.
Email and eTendering submissions	22.5 Electronic submission through email or eTendering, if allowed as specified in the BDS, shall be governed as follows: a) Electronic files that form part of the Bid must be in accordance with the format and requirements indicated in BDS; b) Documents which are required to be in original form (e.g. Bid Security, etc.) must be sent via courier or hand delivered as per the instructions in BDS. 22.6 Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/
23. Deadline for Submission of Bids and Late Bids	23.1 Complete Bids must be received by UNDP in the manner, and no later than the date and time, specified in the BDS. UNDP shall only recognise the actual date and time that the bid was received by UNDP 23.2 UNDP shall not consider any Bid that is received after the deadline for the

	submission of Bids.
24. Withdrawal, Substitution, and Modification of Bids	24.1 A Bidder may withdraw, substitute or modify its Bid after it has been submitted at any time prior to the deadline for submission. 24.2 Manual and Email submissions: A bidder may withdraw, substitute or modify its Bid by sending a written notice to UNDP, duly signed by an authorized representative, and shall include a copy of the authorization (or a Power of Attorney). The corresponding substitution or modification of the Bid, if any, must accompany the respective written notice. All notices must be submitted in the same manner as specified for submission of Bids, by clearly marking them as "WITHDRAWAL" "SUBSTITUTION," or "MODIFICATION" 24.3 eTendering: A Bidder may withdraw, substitute or modify its Bid by Cancelling, Editing, and re-submitting the Bid directly in the system. It is the responsibility of the Bidder to properly follow the system instructions, duly edit and submit a substitution or modification of the Bid as needed. Detailed instructions on how to cancel or modify a Bid directly in the system are provided in the Bidder User Guide and Instructional videos. 24.4 Bids requested to be withdrawn shall be returned unopened to the Bidders (only for manual submissions), except if the bid is withdrawn after the bid has been opened.
25. Bid Opening	25.1 UNDP will open the Bid in the presence of an ad-hoc committee formed by UNDP of at least two (2) members. 25.2 The Bidders' names, modifications, withdrawals, the condition of the envelope labels/seals, the number of folders/files and all other such other details as UNDP may consider appropriate, will be announced at the opening. No Bid shall be rejected at the opening stage, except for late submissions, in which case, the Bid shall be returned unopened to the Bidders. 25.3 In the case of e-Tendering submission, bidders will receive an automatic notification once the Bid is opened.
D. EVALUATION OF BIDS	
26. Confidentiality	26.1 Information relating to the examination, evaluation, and comparison of Bids, and the recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process, even after publication of the contract award. 26.2 Any effort by a Bidder or anyone on behalf of the Bidder to influence UNDP in the examination, evaluation and comparison of the Bids or contract award decisions may, at UNDP's decision, result in the rejection of its Bid and may subsequently be subject to the application of prevailing UNDP's vendor sanctions procedures.
27. Evaluation of Bids	27.1 UNDP will conduct the evaluation solely on the basis of the Bids received. 27.2 Evaluation of Bids shall be undertaken in the following steps: a) Preliminary Examination including Eligibility b) Arithmetical check and ranking of bidders who passed preliminary examination by price. c) Qualification assessment (if pre-qualification was not done) a) Evaluation of Technical Bids b) Evaluation of prices Detailed evaluation will be focussed on the 3 - 5 lowest priced bids. Further higher priced bids shall be added for evaluation if necessary
28. Preliminary Examination	28.1 UNDP shall examine the Bids to determine whether they are complete with respect to minimum documentary requirements, whether the documents have been properly signed, and whether the Bids are generally in order, among other

		indicators that may be used at this stage. UNDP reserves the right to reject any Bid at this stage.
29. Evaluation of Eligibility and Qualification	29.1	Eligibility and Qualification of the Bidder will be evaluated against the Minimum Eligibility/Qualification requirements specified in the Section 4 (Evaluation Criteria).
	29.2	In general terms, vendors that meet the following criteria may be considered qualified: a) They are not included in the UN Security Council 1267/1989 Committee's list of terrorists and terrorist financiers, and in UNDP's ineligible vendors' list; b) They have a good financial standing and have access to adequate financial resources to perform the contract and all existing commercial commitments, c) They have the necessary similar experience, technical expertise, production capacity, quality certifications, quality assurance procedures and other resources applicable to the supply of goods and/or services required; d) They are able to comply fully with the UNDP General Terms and Conditions of Contract; e) They do not have a consistent history of court/arbitral award decisions against the Bidder; and f) They have a record of timely and satisfactory performance with their clients.
30. Evaluation of Technical Bid and prices	30.1	The evaluation team shall review and evaluate the Technical Bids on the basis of their responsiveness to the Schedule of Requirements and Technical Specifications and other documentation provided, applying the procedure indicated in the BDS and other ITB documents. When necessary, and if stated in the BDS, UNDP may invite technically responsive bidders for a presentation related to their technical Bids. The conditions for the presentation shall be provided in the bid document where required.
31. Due diligence	31.1	UNDP reserves the right to undertake a due diligence exercise, aimed at determining to its satisfaction, the validity of the information provided by the Bidder. Such exercise shall be fully documented and may include, but need not be limited to, all or any combination of the following: a) Verification of accuracy, correctness and authenticity of information provided by the Bidder; b) Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation team; c) Inquiry and reference checking with Government entities with jurisdiction on the Bidder, or with previous clients, or any other entity that may have done business with the Bidder; d) Inquiry and reference checking with previous clients on the performance on on-going or completed contracts, including physical inspections of previous works, as deemed necessary; e) Physical inspection of the Bidder's offices, branches or other places where business transpires, with or without notice to the Bidder; f) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.
32. Clarification of Bids	32.1	To assist in the examination, evaluation and comparison of Bids, UNDP may, at its discretion, request any Bidder for a clarification of its Bid.
	32.2	UNDP's request for clarification and the response shall be in writing and no change in the prices or substance of the Bid shall be sought, offered, or permitted, except to provide clarification, and confirm the correction of any arithmetic errors discovered by UNDP in the evaluation of the Bids, in accordance with the ITB.
	32.3	Any unsolicited clarification submitted by a Bidder in respect to its Bid, which is not a response to a request by UNDP, shall not be considered during the review

		and evaluation of the Bids.
33. Responsiveness of Bid	33.1	UNDP's determination of a Bid's responsiveness will be based on the contents of the bid itself. A substantially responsive Bid is one that conforms to all the terms, conditions, specifications and other requirements of the ITB without material deviation, reservation, or omission.
	33.2	If a bid is not substantially responsive, it shall be rejected by UNDP and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.
34. Nonconformities, Reparable Errors and Omissions	34.1	Provided that a Bid is substantially responsive, UNDP may waive any non-conformities or omissions in the Bid that, in the opinion of UNDP, do not constitute a material deviation.
	34.2	UNDP may request the Bidder to submit the necessary information or documentation, within a reasonable period, 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.
	34.3	For the bids that have passed the preliminary examination, UNDP shall check and correct arithmetical errors as follows: a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of UNDP there is an obvious misplacement of the decimal point in the unit price; in which case, the line item total 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.
	34.4	If the Bidder does not accept the correction of errors made by UNDP, its Bid shall be rejected.
E. AWARD OF CONTRACT		
35. Right to Accept, Reject, Any or All Bids	35.1	UNDP reserves the right to accept or reject any bid, to render any or all of the bids as non-responsive, and to reject all Bids at any time prior to award of contract, without incurring any liability, or obligation to inform the affected Bidder(s) of the grounds for UNDP's action. UNDP shall not be obliged to award the contract to the lowest priced offer.
36. Award Criteria	36.1	Prior to expiration of the period of Bid validity, UNDP shall award the contract to the qualified and eligible Bidder that is found to be responsive to the requirements of the Schedule of Requirements and Technical Specification, and has offered the lowest price.
37. Debriefing	37.1	In the event that a Bidder is unsuccessful, the Bidder may request for a debriefing from UNDP. The purpose of the debriefing is to discuss the strengths and weaknesses of the Bidder's submission, in order to assist the Bidder in improving its future Bids for UNDP procurement opportunities. The content of other Bids and how they compare to the Bidder's submission shall not be discussed.
38. Right to Vary Requirements at the Time of Award	38.1	At the time of award of Contract, UNDP reserves the right to vary the quantity of goods and/or services, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
39. Contract Signature	39.1	Within fifteen (15) days from the date of receipt of the Contract, the successful Bidder shall sign and date the Contract and return it to UNDP. Failure to do so

		may constitute sufficient grounds for the annulment of the award, and forfeiture of the Bid Security, if any, and on which event, UNDP may award the Contract to the Second highest rated or call for new Bids.
40. Contract Type and General Terms and Conditions	40.1	The types of Contract to be signed and the applicable UNDP Contract General Terms and Conditions, as specified in BDS, can be accessed at http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
41. Performance Security	41.1	A performance security, if required in the BDS, shall be provided in the amount specified in BDS and form available at https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Solicitation_Performance%20Guarantee%20Form.docx&action=default within a maximum of fifteen (15) days of the contract signature by both parties. Where a performance security is required, the receipt of the performance security by UNDP shall be a condition for rendering the contract effective.
42. Bank Guarantee for Advanced Payment	42.1	Except when the interests of UNDP so require, it is UNDP's standard practice to not make advance payment(s) (i.e., payments without having received any outputs). If an advance payment is allowed as per the BDS, and exceeds 20% of the total contract price, or USD 30,000, whichever is less, the Bidder shall submit a Bank Guarantee in the full amount of the advance payment in the form available at https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Contract%20Management%20Payment%20and%20Taxes_Advanced%20Payment%20Guarantee%20Form.docx&action=default
43. Liquidated Damages	43.1	If specified in the BDS, UNDP shall apply Liquidated Damages for the damages and/or risks caused to UNDP resulting from the Contractor's delays or breach of its obligations as per Contract.
44. Payment Provisions	44.1	Payment will be made only upon UNDP's acceptance of the goods and/or services performed. The terms of payment shall be within thirty (30) days, after receipt of invoice and certification of acceptance of goods and/or services issued by the proper authority in UNDP with direct supervision of the Contractor. Payment will be effected by bank transfer in the currency of the contract.
45. Vendor Protest	45.1	UNDP's vendor protest procedure provides an opportunity for appeal to those persons or firms not awarded a contract through a competitive procurement process. In the event that a Bidder believes that it was not treated fairly, the following link provides further details regarding UNDP vendor protest procedures: http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html
46. Other Provisions	46.1	In the event that the Bidder offers a lower price to the host Government (e.g. General Services Administration (GSA) of the federal government of the United States of America) for similar goods and/or services, UNDP shall be entitled to the same lower price. The UNDP General Terms and Conditions shall have precedence.
	46.2	UNDP is entitled to receive the same pricing offered by the same Contractor in contracts with the United Nations and/or its Agencies. The UNDP General Terms and Conditions shall have precedence.
	46.3	The United Nations has established restrictions on employment of (former) UN staff who have been involved in the procurement process as per bulletin ST/SGB/2006/15 http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&referer

SECTION 3. BID DATA SHEET

The following data for the goods to be procured shall complement, supplement, or amend the provisions in the Invitation to Bid In the case of a conflict between the Instructions to Bidders, the Bid Data Sheet, and other annexes or references attached to the Bid Data Sheet, the provisions in the Bid Data Sheet shall prevail.

BDS No.	Ref. to Section.2	Data	Specific Instructions / Requirements
1	7	Language of the Bid	English
2		Submitting Bids for Parts or sub-parts of the Schedule of Requirements (partial bids)	The bidder may submit a bid for one lot, several or all of the lots. The bidder must offer the whole of the quantities indicated for each lot. Bids for part of the items required by any lot will be rejected.
3	20	Alternative Bids	Shall not be considered
4	21	Pre-Bid conference	Will be Conducted Time: 11:00 am (GMT +3, Local time-Turkey) Date: 19 February, 2020 Venue: UNDP Turkey CO The costs of participation to pre-bid conference are at the bidder's own expense. The main purpose of pre-bid conference is to inform the prospective bidders on E-tendering process. E-tendering session will be provided in Turkish. Prospective bidders are highly encouraged to visit following page for system user guides and videos in different languages before attending to the Guidance Session: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/ The contractor to be identified through this procurement process shall not be entitled to receive any payment due to unexpected costs that are caused by its failure to participate in the Pre-bid conference. Prospective Bidders who wish to participate in the Pre-Bid conference shall contact following focal point for arrangement no later than **17 February, 2020.** The UNDP focal point for the arrangement is: Çağlar Selçuk, Procurement Officer Telephone: 0312 454 1181 E-mail: caglar.selcuk@undp.org

5	16	Bid Validity Period	120 days starting from the submission deadline
6	12	Bid Security	For Lot 1; Required in the amount of USD 7,500 For Lot 2; Required in the amount of USD 4,500 For Lot 3; Required in the amount of USD 2,000 Acceptable Forms of Bid Security ▪ Bank Guarantee (See Section 6; Form G for template) Bid Security shall be in English as per the template. Currency of the Bid Security shall be in USD as per the amount indicated above. No change shall be made to the template except for fields indicated in the template. Bid Securities will be returned to all bidders upon signature of contract with the successful Bidder. The bidders applying several lots shall provide separate bid securities for each lot. PDF copy of the Bid Securities shall be submitted as part of etendering submission. Additionally, original Bid Security shall bedelivered to the below address on or before the submission deadline indicated in e-tendering system. ***Focal Point: Çağlar Selçuk, Procurement Officer*** Yıldız Kule, 21st Floor, Dikmen Mahallesi, Turan Güneş Bulvarı, No:106, 06550, Çankaya, Ankara, Turkey
7	42	Advanced Payment upon signing of contract	Not allowed.
8	43	Liquidated Damages	Will be imposed as follows: Percentage of contract price per day of delay: 0.5 % Days of delay will be calculated from the completion date of required delivery time of the goods. Max. number of days of delay is 20, after which UNDP may terminate the contract.
9	41	Performance Security	The successful bidder will be asked to provide a performance security of 10% of the amount of the contract at the signing of the contract. This security must be provided no later than **15 days after** the bidder receives the award letter by the UNDP. If the selected bidder fails to provide such a security within this period, the contract will be void and a new contract may be drawn up and sent to the bidder which has submitted the next lowest techniacally compliant bidder.
10	13	Currency of Bid	United States Dollar (USD)
11	18	Deadline for submitting requests for clarifications/ questions	7 days before the submission deadline

12	18	Contact Details for submitting clarifications/questions	Focal Person in UNDP: Çağlar Selçuk, Procurement Officer Address: Yıldız Kule, Yukarı Dikmen Mah. Turan Güneş Blv. No:106, Kat:21, 06550, Çankaya/Ankara/Turkey E-mail address: tr.procurement@undp.org
13	18, 19 and 21	Manner of Disseminating Supplemental Information to the ITB and responses/clarifications to queries	Posted directly to e-tendering
14	23	Deadline for Submission of Bids	**March 10, 2020 23:59 hrs. (New York local time Zone)** Note that system time zone is in EST/EDT (New York) time zone
15	22	Allowable Manner of Submitting Bids	E-Tendering only This procurement process is being conducted through the online tendering system of UNDP. Bidders who wish to submit an offer must be registered in the system. Visit this page for system user guides and videos in different languages: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/ If already registered, go to https://etendering.partneragencies.org and sign in using your username and password. Use "Forgotten password" link if you do not remember your password. Do not create a new profile. If you have never registered in the system before, you can register by visiting the link below and follow the instructions in the user guide (attached): https://etendering.partneragencies.org •Username: event.guest •Password: why2change It is strongly recommended to create a username with two parts: your first name and last name separated by a ".", (similar to the one shown above). Once registered you will receive a valid password to the registered email address which you can use for signing in and changing your password. Please note that your new password should meet the following criteria: • Minimum 8 characters • At least one UPPERCASE LETTER • At least one lowercase letter • At least one number

			You can view and download tender documents with the guest account as per the above username and password, However, if you are interested to participate, you must register in the system and subscribe to this tender to be notified when amendments are made.
16	22	Bid Submission Address	https://etendering.partneragencies.org Bids shall be submitted through e-tendering. **However, documents which are required in original (e.g. Bid Security) shall be delivered to the below address with a PDF copy submitted as part of the electronic submission on or before the submission deadline indicated in e-tendering system:** Focal Point: Çağlar Selçuk Yıldız Kule, 21st Floor, Dikmen Mahallesi, Turan Güneş Bulvarı, No:106, 06550, Çankaya, Ankara, Turkey Although bids shall be submitted through e-tendering, UNDP reserves the right to request original copies of the documents submitted as part of the bids during evaluation period, if required.
17	22	Electronic submission (eTendering) requirements	• File names must be maximum 60 characters long and must not contain any letter or special/Turkish character other than from Latin alphabet/keyboard. • All files must be free of viruses and not corrupted. • Max. File Size per transmission: 45MB • In PDF Format
18	25	Date, time and venue for the opening of bid	Public Opening will be conducted through e-Tendering System. Bidders will receive notification through e-tendering when bids are opened.
19	27, 36	Evaluation Method for the Award of Contract	Lowest priced technically responsive, eligible and qualified bid.
20		Expected date for commencement of Contract	*Contract is expected to be signed in April 2020*
21		Maximum expected duration of contract	For Lot 1 and Lot 2; The duration of the contract will last for 150 calendar days, from the date of contract signature by UNDP and the Contractor, upon submission of the performance security by the Contractor until acceptance of the goods by UNDP. The duration of the contract will include delivery period of 120 calendar days, inspection and acceptance period of 30 days after delivery. For Lot 3;

			The duration of the contract will last for 120 calendar days, from the date of contract signature by UNDP and the Contractor, upon submission of the performance security by the Contractor until acceptance of the goods by UNDP. The duration of the contract will include delivery period of 90 calendar days, inspection and acceptance period of 30 days after delivery.
22	35	UNDP will award the contract to:	One bidder only for each lot, more than one lot may be awarded to one bidder. Contracts will be awarded lot by lot. Each lot will form a separate contract and the quantities indicated for different lots will be indivisible. If the bidder is awarded more than one lot, a single contract may be concluded covering all those lots.
23	40	Type of Contract	Contract Face Sheet (Goods and-or Services) http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
24	40	UNDP Contract Terms and Conditions that will apply	UNDP General Terms and Conditions for Contracts http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
25	44	Payment Provisions	100% of contract amount shall be paid within 30 days based on the positive "inspection and acceptance report" to be issued by UNDP upon conduct of inspection by a committee to be established by UNDP, ensuring that the goods are running with no defaults. **Currency of Payment;** If the Contractor is registered and operating in Turkey, the payment shall be realized in Turkish Liras (TRY). Contract price will be converted from United States Dollar (USD) to Turkish Liras (TRY) by the UN operational rate of exchange[1] valid on the date of money transfer. Otherwise, the payments shall be affected in United States Dollar.
26	14	Joint Venture, Consortium or Association	Not Allowed
27		Taxation	UN and its subsidiary organs are exempt from all taxes. Therefore, bidders shall prepare their Bids excluding Value Added Tax (VAT). It is the Bidder's responsibility to learn from relevant authorities (Ministry of Finance) and/or to review/confirm published procedures and to consult with a certified financial consultant as needed to confirm the scope and procedures of VAT exemption application as per VAT Law, Ministry of Finance's General Communiqués. On the other hand, the prices to be quoted shall be inclusive of 'Special Consumption Tax' (SCT), as the vehicles will be handed over to the relevant beneficiaries and the Bid prices shall indicate the amount of Special Consumption Tax in a separate line.

[1] Available at the website: https://treasury.un.org/operationalrates/OperationalRates.php#E

			The Bidders shall learn the practice as per national legislation regarding Special Consumption Tax for these vehicles and prepare their Bid prices accordingly. The Contractor (sd) to be selected for each LOT shall not be entitled to receive any amount over its Bid price in relation to VAT and/or SCT. Overall contract amount to be paid to the contractor shall not exceed the offered Total Bid Price. Below are the links where information on Special Consumption Tax can be found. These links are for information purposes only: http://www.gib.gov.tr/fileadmin/user_upload/Tebligler/OTV_Kanunu/uygulama2/otv_II_sayili_uyg_genteb.pdf http://www.gib.gov.tr/fileadmin/mevzuatek/otv_oranlari_tum/ozeltuketimoranlari-OpenPage.htm

SECTION 4. EVALUATION CRITERIA

Preliminary Examination Criteria

Bids will be examined to determine whether they are complete and submitted in accordance with ITB requirements as per below criteria on a Yes/No basis:

- Appropriate signatures
- Power of Attorney
- Minimum Bid documents provided
- Bid Validity
- Bid Security submitted as per ITB requirements with compliant validity period

Minimum Eligibility and Qualification Criteria

Eligibility and Qualification will be evaluated on a Pass/Fail basis.

Subject	Criteria	Document Submission requirement
ELIGIBILITY		
Legal Status	Vendor is a legally registered entity.	Form B: Bidder Information Form
Eligibility	Vendor is not suspended, nor debarred, nor otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization in accordance with ITB clause 3.	Form A: Bid Submission Form
Conflict of Interest	No conflicts of interest in accordance with ITB clause 4.	Form A: Bid Submission Form
Bankruptcy	Has not declared bankruptcy, is not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against the vendor that could impair its operations in the foreseeable future.	Form A: Bid Submission Form
Certificates and Licenses	▪ Power of Attorney ▪ Duly authorized to act as Agent (e.g. dealer, distributor) on behalf of the Manufacturer, if bidder is not a manufacturer ▪ Official appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country ▪ **Authorization letter from the manufacturer for dealers or distributors, if applicable**	Form B: Bidder Information Form
QUALIFICATION		
History of Non-Performing Contracts[2]	Non-performance of a contract did not occur as a result of contractor default for the last 3 years. (reference period to be taken into account: from 10 March 2017 to 10 March 2020)	Form D: Eligibility and Qualification Form
Litigation History	No consistent history of court/arbitral award decisions against the Bidder for the last 3 years. (reference period to be taken into account: from 10 March 2017 to 10 March 2020)	Form D: Eligibility and Qualification Form

[2] Non-performance, as decided by UNDP, shall include all contracts where (a) non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

Previous Experience	Minimum three years of relevant experience.	Form D: Eligibility and Qualification Form
	For Lot 1 and Lot 2; Minimum two contracts on supply of municipal machinery, vehicles and/or equipment with a value of at least in the amount of financial offer of the bidder for this lot. (reference period to be taken into account: from 10 March 2017 to 10 March 2020) For Lot 3; Minimum one contract on supply of vehicles with a value of at least in the amount of financial offer of the bidder for this lot. (reference period to be taken into account: from 10 March 2017 to 10 March 2020)	Form D: Eligibility and Qualification Form
Financial Standing	For lot 1: Minimum average annual turnover of USD 300,000 for the last 3 years i.e. 2017, 2018, 2019. (if audited financial statements are not available for year 2019 then financial statements of 2016, 2017 and 2018 may be provided). For lot 2: Minimum average annual turnover of USD 150,000 for the last 3 years i.e. 2017, 2018, 2019. (if audited financial statements are not available for year 2019 then financial statements of 2016, 2017 and 2018 may be provided). For lot 3: Minimum average annual turnover of USD 60,000 for the last 3 years i.e. 2017, 2018, 2019. (if audited financial statements are not available for year 2019 then financial statements of 2016, 2017 and 2018 may be provided). The bidders who apply to more than one lot must meet the cumulative amount of minimum average annual turnover amounts stated above for the respected lots.	Form D: Eligibility and Qualification Form
	Bidder must demonstrate the current soundness of its financial standing and indicate its prospective long-term profitability.	Form D: Eligibility and Qualification Form
Technical Evaluation	The technical bids shall be evaluated on a pass/fail basis for compliance or non-compliance with the technical specifications identified in the bid document.	Form E: Format of Technical Bid
Financial Evaluation	Detailed analysis of the price schedule based on requirements listed in Section 5 and quoted for by the bidders in Form F. Price comparison shall be based on the landed price, including transportation, insurance and the total cost of ownership (including spare parts, consumption, installation, commissioning, training, special packaging, etc., where applicable) Comparison with budget/internal estimates.	Form F: Price Schedule Form

SECTION 5A: SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS

General Requirements;

- All machinery, equipment and vehicles must be provided complete with the necessary accessories and/or parts to ensure that the unit is capable of operating to the required technical and quality specifications immediately.
- All goods must be suitable for operation in the climatic conditions in place of delivery.
- All machinery, equipment and vehicles must be delivered with all material and accessories essential for immediate and complete operating.
- All machinery, equipment and vehicles shall comply with the applicable approval and market surveillance regulations of Turkey.
- Contractor shall perform starting-up of the machinery, equipment and vehicles, furnishing of all required materials such as consumables needed for testing and initial operation of the machinery, equipment and vehicles supplied. **Fuel, urea tanks and hydraulic tanks of the vehicles shall be full when they are delivered.**

TECHNICAL SPECIFICATIONS FOR LOT 1

#	Item to be supplied description/		Quantity	Delivery Date
1.	**Hydraulic Compaction Waste Collection Vehicle (Rear-End Loading with 13+1.5 m^3 Capacity)**		**3**	In **120 calendar** days following the date of contract signature, the vehicle shall be delivered to the delivery place.
Technical Specifications				
1.1.	Hydraulic Compaction Waste Collection Vehicles (hereinafter referred to as "Waste Collection Vehicles") shall have 13+1.5 m^3 waste carrying capacity on a 4x2-drive chassis truck to be purchased by United Nations Development Programme (UNDP) to meet the waste collecting needs of Kilis and Haliliye(Şanlıurfa) Municipalities.			
1.2.	The superstructure of Waste Collection Vehicles consists of a waste chamber (body), rear lid and loading chamber, compaction and unloading panel, waste container unloading system, hydraulic installation and controls. The superstructure and all of its equipment shall comply with TS EN 1501-1 Standard.			
1.3.	All sheet metal to be used for the superstructure construction shall be St-52 quality.			
1.4.	The dimensions of the completed Waste Collection Vehicles shall not exceed the limits specified in relevant legislation and regulations.			
1.5.	The density of the compacted waste shall be regarded as a minimum of 0.5 ton/m^3 and the weight at maximum load can only be exceeded by the weight tolerances specified in the Regulation on Road Traffic.			
1.6.	**Chassis Truck Unit**			
	1.6.1.	Axile configuration: 4x2		
	1.6.2.	The driver's cabin shall be white coloured as the Contractor's standard, flat-face, tilting, with a minimum 1+1 people capacity. The cabin shall have two doors with central locking and electrically controlled door windows The steering wheel shall be on the left and have tilt and height adjuster and hydraulic auxiliary power. Outside rear-view mirrors shall be electrically controlled and heated. All seats shall have automatic retreating seat belts. The cabin shall have sun visors, windshield wipers with a minimum of 2 speed levels and window washing system, heaters, air-conditioner and radio-CD or Radio-MP3 players.		
	1.6.3.	The truck unit shall have 18,000 kg of gross vehicle weight (GVW) at maximum load. The front axle capacity shall be minimum 7,000 kg, the rear axle capacity shall be minimum 11,500 kg. The weight of the chassis truck unit shall be 7,000 kg at most and its carrying capacity shall be minimum 11,000 kg		
	1.6.4.	Overall length: Maximum 8,850 mm, Overall width: Maximum 2,550 mm, Overall height: Maximum 3,650 mm		

		Wheel base: minimum 3,600 mm and maximum 4,300 mm.
	1.6.5.	Engine: - 4-cycle, 6-cylinder, water-cooled, turbo-intercooler - total engine size (capacity/volume): minimum of 6,500 cm^3 and maximum of 9,000 cm^3 - The maximum torque shall be at least 1,000 Nm. This level shall be reached in 1,250 rpm at most. - The exhaust emissions shall meet the Euro-6 emission standards. - The cooling equipment shall have at least a -25°C antifreeze mixture. - The maximum power shall be minimum 275 HP at 2,250 rpm at most.
	1.6.6.	The gearbox shall have minimum 8 forward speed and 1 reverse speed level and a PTO exhaust.
	1.6.7.	The brake system shall be disked or drummed, with ABS-ASR support, double circuit with full dry air. Also, it shall have an exhaust or engine brake and an air operated parking brake effective on the rear axle.
	1.6.8.	The suspension shall have leaf springs, at least the front axle shall have a stabilizing bar and a shock absorber.
	1.6.9.	The electrical system shall be 24 volts, with at least 2x12Vx140 Amps-hour battery and a 28 volts 70 Amps alternator.
	1.6.10.	Waste Collection Vehicles shall have external front and rear lighting compliant with the Regulation on Road Traffic. (Parking and signal lamps, high and low beams, side marker lamps in the front; parking, brake, signal, fog and license plate lamps in the rear etc.)
	1.6.11.	The tire size, quantity and properties shall be as specified in the brochure provided by the manufacturer. The vehicle shall have 6 tires and a full spare tire with the same properties and tire rim shall be provided.
	1.6.12.	Fuel tank capacity: Minimum 150 liter. Urea tank capacity: Minimum 10 liter.
	1.6.13.	The model year of the truck unit shall not be older than 2020.
1.7.	**Waste Chamber (Body)**	
	1.7.1.	The net loading volume of the body shall be minimum 13 m^3.
	1.7.2.	The auxiliary chassis shall be made of minimum 8 mm pressed C-shape sheet metal and shall be of the same width as the main chassis. The cross-section height of the chassis shall be determined by taking into account the amount of settlement of the vehicle suspension when it is loaded, leaving adequate gap for skid chain between the rear wheel and the mudguard and the cross-section height of the chassis shall not be less than 180 mm. The auxiliary chassis shall be connected to the vehicle chassis with bolts using proper connection brackets as recommended by the chassis vehicle manufacturer, front connections shall be flexible.
	1.7.3.	The bottom plate shall be at least 5 mm thick and supported by an adequate number of underlying pressed U-shape beams of proper section at least 4 mm thick. Beam intervals shall not exceed 750 mm in terms of beam axis. In order for the bottom plate to be supported from a wider surface, beams shall be embedded in the auxiliary chassis.
	1.7.4.	Under the front side of the body bottom plate, there shall be a tank with a ball valve to accumulate the leachate and the accumulated water shall be able to be emptied at the unloading location.
	1.7.5.	The side walls of the body shall be made of at least 3 mm thick convex metal plate within a pressed sheet metal frame at least 4 mm thick. On the internal surface of the side walls, there shall be slides above the floor level, on which the unloading panel will operate. For the slides; NPU 100 material or at least 5 mm thick pressed U-shape sheet metal of equivalent size shall be used.
	1.7.6.	The ceiling of the body shall be covered with an at least 3 mm thick sheet metal material. Water accumulation shall be prevented on the ceiling and there shall be perforated moving connection lugs on the corners of the ceiling to let the body move when necessary.
	1.7.7.	Plastic or pressed sheet metal mudguards shall be made for the rear wheels and there shall be a spare tire storage place under the body by the right or left side of the chassis or chamber front side. If there is no suitable place in these areas; a spare tire storage shall be made for the spare tire on the body ceiling right front side and a ladder shall be installed for easy access to the spare tire.
1.8.	**Rear Loading and Unloading Lid**	
	1.8.1.	The rear lid shall be connected to the body top rear corners through slotted lugs, the top lid upper connection lugs shall move upwards in parallel direction to the flange axis through hydraulic cylinders on both sides and the lid shall be released from the lower locking tabs and shall open at least parallel to horizontal. The total amount of time for the lid to open shall not exceed 20 seconds and the total

		amount of time for it to close shall not be less than 20 seconds.
	1.8.2.	On the rear lid cylinders, there shall be lock safety valves which will not let the lid drop in order to prevent hose bursts when the lid is open. Also; during maintenance, in order to prevent lid cylinders from being under constant load when the lid is open, there shall be a folding safety locking mechanism under the lid.
	1.8.3.	On the lid; in order to ensure leak proofing between the lid and the body, there shall be an easily replaceable and acid-resistant rubber gasket which shall be monobloc and shall move up to the lid moving cylinders' levels on the sides. In order to ensure that the lid pushes against the gasket, locking tabs and the axes of the upper lid connection lugs shall not be parallel to the closing surface and there shall be a certain angle such that the gap between lid and body is reduced when it moves downwards in the slot axis. Locking tabs and upper lid connection lugs' slot sliding directions shall be parallel with each other.
	1.8.4.	The waste loading chamber shall have at least 1.2 m^3 capacity to the brim and 1.5 m^3 when piled on. It shall be in the proper form for the movement of the compaction bucket. The bucket shall not rub against the chamber while operating and there shall be no excessive gap between the chamber and the bucket and there shall be a leachate accumulation container under the waste collection chamber with a release valve. The waste loading chamber and all sheet metal surfaces exposed to the rubbing of the waste while the waste is being loaded in the chamber shall be made of at least 6 mm thick sheet metal and there shall be adequate reinforcement made of pressed U-shape sheet metal.
	1.8.5.	The compaction mechanism shall consist of a slide moving in a linear motion on top of the grooves made of solid steel material placed on the side walls of the rear lid and a rotary bucket at its end. The surfaces of the bucket which come into contact with waste shall be made of at least 6 mm thick sheet metal. The bucket shall gather the waste in the chamber with a rotary motion, compact the waste with an upward linear motion of the slide parallel to the lid surface and transfer it to the chamber. The total cycle period of the slide and the bucket shall not exceed 25 seconds in the automatic position.
	1.8.6.	Linear motions of the slide and the rotary motions of the bucket shall be ensured via two hydraulic cylinders each, hydraulic cylinders of the slide shall be placed outside the chamber on the sides and the hydraulic cylinders of the bucket shall be connected to the sliding system with bearings.
	1.8.7.	The sliding system shall move on top of the sliding grooves within shoes made of high density abrasion-resistant materials such as castermid or equivalent, these shoes shall be replaceable without dismantling the slide. Also, the centering of the slide inside the rear lid shall be made with adjustable shoes of the same properties.
	1.8.8.	The arms of the container loading system to be placed on the rear lid shall be foldable and be able to empty at least two different sizes of waste containers to be specified by the requiring municipality into the waste loading chamber. During unloading, the container shall be able to be rotated 135° with regard to its first position.
	1.8.9.	On both sides of the back of the lid there shall be foldable ladders with nonslip stepping surfaces and handles. When the ladder is open, the hydraulic installation shall not operate, the vehicle shall not be able to move in reverse and its forward speed shall not exceed 30 kmh.
	1.8.10.	Lid lifting and sliding cylinders and hydraulic connections placed on the sides of the rear lid shall be made of at least 2 mm thick sheet metal, hinged and lockable, protected by right and left side lids.
	1.8.11.	Self-aligning bearings shall be used for upper and lower connections of all the hydraulic cylinders on the rear lid (lid lifting, sliding and bucket cylinders).
1.9.	**Compaction and Unloading Panel**	
	1.9.1.	Compaction and unloading panel shall be formed by covering the surface of the panel frame which also carries the panel bearings and comes into contact with waste with at least 4 mm thick sheet metal, the body shall be moved on top of slides mounted horizontally on the sides of the body, using an extendable telescopic cylinder with at least 2 levels supported by the front body strut.
	1.9.2.	Bearings within the panel frame shall be covered with abrasion and acid-resistant castermid with easily replaceable bolted connections or equivalent material.
	1.9.3.	When the chamber is empty the panel shall stay at the rear end; when the waste is loaded, rear lid compaction mechanism shall move forward by releasing hydraulics in an adjusted pressure via a pilot controlled valve alerted by the hydraulic pressure and by doing so the waste shall be compacted.
	1.9.4.	Unloading shall be done by the panel being pushed to the rear end of the body as a result of the telescopic panel cylinder being fully opened after the rear lid is opened, since the panel moved up to the front side of the body when it was loaded. The duration for the panel to reach from the front to the rear end of the body shall be less than 90 seconds.
1.10.	**Hydraulic Installation**	
	1.10.1.	The hydraulic installation shall consist of an oil tank, a hydraulic pump, 2 rear lid cylinders, 2 slide

		cylinders, 2 bucket cylinders, 1 compaction and unloading panel telescopic cylinder, suction and pressure pipes and hoses, manually controlled valves and electro-pneumatic or electro-hydraulic valves.
	1.10.2.	All movements in the system shall be executed by hydraulic power whereas hydraulic power shall be provided through a hydraulic pump. The hydraulic pump shall have at least 200 bar pressure which shall be driven by a PTO coupled vehicle's gearbox. The hydraulic pump shall be able to pump at least 60 litres/minute of oil at the engine revolution level adjusted for manual accelerator and automatic accelerator. The hydraulic system pressure shall not exceed 175 bars for any of the hydraulic equipment. The adjusted engine revolution shall not be higher than the torque revolution.
	1.10.3.	All hydraulic pistons used in the system shall be double-acting. There shall be a hydraulic locking valve to prevent hose bursts at the rear lid lift cylinders. Hydraulic cylinder bodies shall be made of seamless cold rolled St 52 BK quality pipe to DIN 2391C standards; its internal surfaces shall be honed and polished, internal surface roughness shall be 0.4 microns and the inside diameter tolerance shall be to ISO H8 standard.
	1.10.4.	All pipes used in the hydraulic installation shall be seamless cold rolled St 35.4 quality, normalized and bonderized to DIN 2391C standard with its phosphate coat in its interior and exterior. EO type imported compaction fittings shall be used at pipe joints.
	1.10.5.	Hydraulic hoses shall be able to operate within -40/+120°C temperature range and shall be resistant to hydraulic oil and external factors. Pressure hoses shall be made of Nitrile Rubber according to SAE 100R2 standard with double layer spiral steel wire reinforcement and suction hoses shall be made according to SAE 100R4 Standard with spiral steel wire reinforcement. A screening protection (spiral wrap, etc.) shall be applied to the exterior of hydraulic hoses in order to protect them against external factors and sudden hose bursts.
	1.10.6.	In the hydraulic system; all equipment pieces operating under pressure shall be able to endure at least 4 times of the pressure they bear.
	1.10.7.	The hydraulic tank volume shall be at least double the total cylinder volume and there shall be an oil level gauge with thermometer, a ventilated tank lid, a suction filter of 125 µ and a return filter of 25 µ on the tank and there shall be a discharge plug at the bottom of the tank. The filter permeability shall not be less than 100 liters/minute.
	1.10.8.	There shall be grease nipples at all joints in the system and all joints shall be oiled with grease.
1.11.	**Additional Electrical Installation and Controls**	
	1.11.1.	The electrical installation to be used in the superstructure shall comply with EN 60204-1 standards. Flexible cables with TSEK certification shall be used and cables shall be passed through the tubes and the complete electrical installation shall be done with the proper mounting brackets and without touching the metal surfaces, there shall be fuses and relay boxes for electrical equipment and they shall comply with EN 60529 IP 65 protection class.
	1.11.2.	At the top side of the rear lid, there shall be 1 rotating amber lamp, a rear work floodlight and a rear-view camera; in the driver's cabin, there shall be an LCD monitor. PTO and controls of these equipment pieces shall be at the driver's cabin.
	1.11.3.	The movement of the rear lid lifting and unloading panel shall be ensured by the double hydraulic controlling valve with a safety button and manual accelerator placed in the front left side of the waste chamber. Also there shall be a separate button to automatically operate the slide and bucket system on its own in order to empty the waste in the loading chamber.
	1.11.4.	Bucket, slide and container unloading controls on the rear lid shall be placed on the right side of the rear lid. Controls can be done manually via the hydraulic control sticks and automatically via the buttons in the control box. The control box shall contain buttons for automatic compaction motion options, electronic accelerator, driver alerts and emergency situations etc. The automatic compaction option shall bring the engine revolution automatically to the adjusted level.
	1.11.5.	The emergency stop button shall be placed on the left side of the rear lid as well as the driver's cabin and shall deactivate all controls except for the escape button. The escape control shall be in an easily accessible place within the loading chamber and shall reverse the system and bring the motion to its starting position.
	1.11.6.	Controls shall be suitable for operating with hand gloves and the button diameters shall be at least 20 mm. Markings on the controls shall be of easily visible size and colour and erasure-resistant.
1.12.	**Painting-Inscriptions and Emblems**	
	1.12.1.	All the equipment pieces shall be sanded and cleaned with required chemicals before the painting, after the surface levelling is done by paste, onto an at least 40 µ epoxy primer, exterior surfaces shall be painted with the same colour of the cabin, bottom surfaces and mudguards; if they are metal, they shall be painted with the same colour of chassis, interior surfaces shall be painted with epoxy topcoat. Topcoat thickness shall be at least 40 µ.

	1.12.2.	At both sides of the superstructure and at its back, there shall be reflective strips and markings, in accordance with TSE ECE R-104 (2002) requirements.
	1.12.3.	Mandatory markings, warnings and function tagging shall be of an easily visible size and colour and shall be permanent not to be erased or dropped.
	1.12.4.	There shall be inscriptions and emblems requested by the municipalities on the driver's cabin and the side surfaces of the waste chamber. Pictures-inscriptions and emblems on the side surfaces of the superstructure shall be in the form of cladding type. Also on the driver's cabin and the superstructure, there shall be inscriptions and emblems specified by UNDP, its material properties, place and size shall be specified during the checks.
1.13.	**Toolkits to be Provided at Delivery**	
	1.13.1.	Mandatory equipment and toolkits to be included in vehicles based on their properties as specified in the Regulation on Road Traffic as well as other Contractor's standard toolkits shall be provided together with the Waste Collection Vehicles. Mandatory equipment and toolkits according to the Regulation on Road Traffic are listed below; • 1 unit of Tachograph (mounted on the vehicle and compliant with the regulation and specifications issued by the Ministry of Science, Industry and Technology) • 2 units of Rear Sign (Compliant with ECE R 70) • 1 unit of Fire Extinguisher (Total filling capacity of 6 kg, KKT ABC Type.) • 1 unit of Hydraulic Jack and Jack Lever (Suitable for the vehicle tonnage.) • 1 unit of Hexagon Wrench and Handle • 1 set of Spare Light bulbs (For the external lighting) • 1 unit of Insulated Pliers • 1 unit of Screwdriver (Flat tip-Philips head) • 1 unit of Portable Lamp or Flashlight • 1 pair of Skid Chains • 1 unit of Towing Steel Bridle (Suitable for the vehicle capacity) • 2 units of Reflectors (Compliant with ECE R 27 Regulation) • 1 unit of Complete Spare Tire (at the size used in the vehicle, with tire rim and rubber) • 1 unit of Wheel Chock (Suitable for the vehicle capacity) • 1 unit of First Aid Kit specified in relevant Turkish legislation and regulations.

TECHNICAL SPECIFICATIONS FOR LOT 2

#	Item to be supplied description/	Quantity	Delivery Date
2.	**Waste Taxi (With Mini Dumper) Vehicle**	**6**	In **120 calendar** days following the date of contract signature, the vehicle shall be delivered to the delivery place.

Technical Specifications		
2.1.	**General**	
	2.1.1.	These specifications cover the technical properties and equipment of the **Waste Taxi (with Mini Dumper) Vehicle** (hereinafter referred to as "Waste Taxi") which will have a carrying capacity with 3000 kg of weight at maximum load on a 4x2-drive light truck to be purchased by **UNDP (United Nations Development Programme)** to meet the needs of Kilis and Haliliye(Şanlıurfa) Municipalities.
	2.1.2.	Waste Taxi vehicles shall be used to collect waste in the areas of the city with narrow streets in which other vehicles may not enter and transfer these wastes to larger vehicles or fixed storage areas.
	2.1.3.	The dimensions of the completed Waste Taxi shall not exceed the limits specified in relevant legislation and regulations.
	2.1.4.	The weight at maximum load shall not exceed the technical capacity.
2.2.	**The Carriage Vehicle**	
	2.2.1.	Waste Taxi shall be made of steel sheet with combined driver and engine compartments and a flat-face. The engine compartment shall be located under the seats.
	2.2.2.	The driver's cabin shall have 1+2 seats, 2 doors and a standard single-line seating. Doors shall have central locking and door windows shall be electrically controlled. All seats shall have automatic retreating seat belts. Driver's seat shall have at minimum have adjusters for forward-backward tilting and back-lean angle setting. There shall be sun visors, windshield wipers with a minimum of 2 speed levels and window washing system, heaters, air-conditioner and radio-CD or Radio-MP3 players.
	2.2.3.	Engine:

		- 4-cycle, 4-cylinder, water-cooled, with a turbo-intercooler feature, diesel - Total engine size (capacity/volume): minimum of 1900 cc and maximum of 2600 cc - The maximum power shall be minimum 125 PS at 4000 rpm at most - The maximum torque shall be at least 240 Nm, this level shall be reached in 1800 rpm at most - The exhaust emissions shall meet the Euro-6 emission standards. - The cooling equipment shall have at least a -25°C antifreeze mixture.
	2.2.4.	The gearbox shall have at least 6 forward and 1 reverse speed levels.
	2.2.5.	The steering wheel shall be on the left and have tilt and height adjuster and hydraulic auxiliary power.
	2.2.6.	The brake system shall be disked or drummed, with ABS support, vacuum supplemented double circuit hydraulic, the parking brake shall be mechanically operated and effective on the shaft or rear axle.
	2.2.7.	The suspension shall have leaf springs with front and rear stabilizing bars and a shock absorber.
	2.2.8.	The electrical system shall be 12 volts DC.
	2.2.9.	It shall have external front and rear lighting compliant with the Regulation on Road Traffic. (Parking and signal lamps, high and low beams in the front; parking, brake, signal, fog and license plate lamps in the rear etc.).
	2.2.10.	The tire size and properties shall be as specified in the brochure, the vehicle shall have a minimum of 4 tires. A full spare tire with the same properties and tire rim shall be provided. Rear axle shall be 2 or 4 wheeled. If the rear axle is 4-wheeled, rear tires may be smaller size.
	2.2.11.	Fuel tank capacity: Minimum 60 liter. Urea tank capacity (if any): Minimum 10 liter.
	2.2.12.	The Waste Taxi shall have 3000 kg of weight at maximum load. The maximum weight of Waste Taxi shall be 1800 kg when Waste Taxi is empty. Its carrying capacity shall be minimum 1200 kg.
	2.2.13.	Waste Taxi shall have a maximum length of at most 5150 mm; maximum width of at most 1750 mm excluding the mirrors; maximum height of at most 2000 mm. The wheel base shall be minimum 2400 mm and maximum 2650 mm.
	2.2.14.	The model year of the vehicle subject to the offer shall be the newest on sale in Turkey; and this shall be documented.
2.3.	**Dumper Body**	
	2.3.1.	**Dumper Lower Chassis:** It shall be made of box profile or equivalent pressed C-shape sheet metal with at least 3 mm. wall thickness. It shall run from the rear connection lug level of the front spring to the end of the chassis at the same shape height. It shall be of the same width as the main chassis and intermediate beams shall be aligned with vehicle chassis beams to the extent possible. It shall be connected to the vehicle chassis with bolts using proper connection brackets as recommended by the chassis vehicle manufacturer, front connections shall be flexible.
	2.3.2.	**Hydraulic outriggers:** There shall be two hydraulically extendable and retractable outriggers on both sides of the rear end of the dumper's lower chassis. Outriggers shall be used while unloading the dumper and the dumper shall in no way be elevated without the outriggers touching the ground.
	2.3.3.	**Dumper rotation axis:** Connection lugs shall be formed by raising the lower chassis on rear sides to rotate on the dumper's rear upper sides. There shall be lubricable bronze bearings at rotation points placed as shrink fit inside the liner bushings made of DIN 2448 quality steel material.
	2.3.4.	**Dumper body:** It shall be made of 3 mm sheet metal in the shape of a whole pool. The dumper body shall be made with profile or pressed sheet metal reinforcements and the rear sheet metal shall be slanted.
	2.3.5.	**Shield sheet metal:** It shall be made as the extension of the dumper body's front wall sheet metal, as shaped in the presser and with adequate reinforcements.
	2.3.6.	**Material quality:** All profiles and sheet metals to be used in dumper manufacturing shall be at least St 37 quality.
	2.3.7.	**Dumper dimensions:** Depending on the useful chassis size of the chassis vehicle to be offered; it shall provide a minimum of 3 m^3 internal volume without exceeding the measurements laid down in the relevant legislation and regulation.
2.4.	**Dumper Elevation System and Hydraulic Installation**	
	2.4.1.	There shall be a container loading system on the back of the dumper body and the arms of the container loading system shall be foldable and be able to empty at least two different sizes of waste containers to be specified by the requiring municipality into the dumper body. During unloading, the container shall be able to be rotated 135° with regard to its first position.
	2.4.2.	Before the elevation of the dumper, hydraulic outriggers shall definitely touch the ground. The dumper body shall not be elevated without the outriggers touching the ground and the hydraulic outriggers shall

		not be retracted before the dumper descends.
	2.4.3.	The dumper shall be elevated by two hydraulic cylinders. Cylinder bodies shall be embedded in the lower chassis connection logs and their shafts shall provide thrust through the lugs located on the rear sheet metal lower sides of the dumper body and elevate the dumper body.
	2.4.4.	The dumper body shall be able to be elevated at least 80 degrees compared to its initial position, there shall be 40±2 degree slope between the rear sheet metal of the dumper body and the horizontal ground when the dumper is elevated to the maximum. There shall be a safety constraint system to prevent any exceeding of the maximum elevation.
	2.4.5.	The required hydraulic power shall be generated through a hydraulic pump to be driven by the PTO connected to the vehicle's gearbox if applicable. The adjusted engine revolution level shall be within the engine's torque revolution range and shall automatically reach the adjusted revolution when PTO is engaged. Where it is not possible to acquire power from the gearbox with PTO, an electrical hydraulic power unit running on the vehicle's electricity (Power Pack) shall be used. This electrical power unit to be used shall be long-lasting with at least 1,5 kW power and at least 2 cm^3/revolution flow rate. Hydraulic system to be used shall be able to complete the elevation in a maximum of 2 minutes.
	2.4.6.	Hydraulic system pressure shall be a maximum of 200 bars; all equipment pieces operating under pressure shall be able to endure at least 3 times of the pressure they bear.
	2.4.7.	There shall be no backlash in the hydraulic cylinder; unless the descension position is selected, the dumper shall remain at the same angle even when the hydraulic pump is deactivated.
	2.4.8.	In the hydraulic cylinders to be used; there shall be a hydraulic locking valve to prevent hose bursts. Flow control valves shall be placed in suitable places within the system to prevent rapid descension of the system.
	2.4.9.	Hydraulic cylinder bodies shall be made of seamless cold rolled St 52 BK quality pipe to DIN 2391C standards; its internal surfaces shall be honed and polished, internal surface roughness shall be 0.4 microns and the inside diameter tolerance shall be to ISO H8 standard.
	2.4.10.	All pipes used in the hydraulic installation shall be seamless cold rolled St 35.4 quality, normalized and bonderized to DIN 2391C standard with its phosphate coat in its interior and exterior. EO type imported compaction fittings shall be used at pipe joints.
	2.4.11.	Hydraulic hoses shall be able to operate within -40/+120°C temperature range and shall be resistant to hydraulic oil and external factors. Pressure hoses shall be made of Nitrile Rubber according to SAE 100R2 standard with double layer spiral steel wire reinforcement and suction hoses shall be made according to SAE 100R4 Standard with spiral steel wire reinforcement. A screening protection (spiral wrap, etc.) shall be applied to the exterior of hydraulic hoses in order to protect them against external factors and sudden hose bursts.
	2.4.12.	The hydraulic tank volume shall be at least double the total hydraulics circulating inside the system when outriggers and dumper elevation cylinders are fully open, including the fluid inside the hydraulic installation and equipment. On the tank, there shall be an oil level gauge with thermometer, a ventilated tank lid, a suction filter of 125 µ and a return filter of 25 µ and a discharge plug under the tank.
	2.4.13.	There shall be grease nipples at all joints in the system.
2.5.	**Additional Electrical Installation - Controls and Safety**	
	2.5.1.	For the superstructure electrical installation, a separate electrical installation shall be constructed which shall comply with EN 60204-1 standards, flexible cables with TSEK certification shall be used; cables shall be passed through the tubes and the complete electrical installation shall be done with the appropriate mounting brackets and without touching the metal surfaces, there shall be fuses and relay boxes for the additional electrical equipment and they shall comply with EN 60529 IP 65 protection class.
	2.5.2.	Except for the PTO; all controls concerning the dumper and the container loading system shall be done via an electrical control box located at the front left of the dumper body. Also, there shall be a wired or wireless remote control unit and the container loading controls shall be doable from the back of the vehicle. In the elevation position; first the outriggers shall touch the ground and then the dumper shall be elevated via a single button. In the descension position; first the dumper body shall descend and then the hydraulic outriggers shall be retracted via a single button. The audible warning system shall be active as long as the hydraulic system for the dumper elevation is active.
	2.5.3.	There shall be a safety locking mechanism for maintenance works done while the dumper is elevated.
2.6.	**Accessories**	
	2.6.1.	There shall be metal or plastic mudguards for rear axle tires and mud flaps shall be used on the back of the mudguards.
	2.6.2.	There shall be a ladder mounted on the dumper body, preferably on the front right side.

	2.6.3.	There shall be canvas rope hooks on the side and rear lids of the dumper body.
	2.6.4.	There shall be a spare tire safeguard system in the proper part of the chassis or the body.
	2.6.5.	There shall be a lockable tool box in a proper place on the right or left side of the chassis.
	2.6.6.	Inside the box, there shall be tools required for operator level maintenance. (Pliers, screwdriver, set of open and box wrenches, grease gun etc.)
2.7.	**Painting-Inscriptions and Emblems**	
	2.7.1.	All equipment used for the superstructure which are not rustproof shall be sanded before painting after cleaning any welding spatters and cinders. Then, all components of the superstructure except for the interiors of the body shall be cleaned using required chemicals and after the surface levelling is done by paste, all surfaces shall be painted with at least 40 µ primer. As the last coat; exterior surfaces shall be painted in the colours to be specified by requiring municipalities and the auxiliary chassis and mudguards, if made of metal, shall be painted in the same colour as the chassis. Interior surfaces of the dumper body shall not be painted.
	2.7.2.	Lubrication scheme, user manual, manufacturing year, type and serial numbers of the product and CE stickers shall be placed on the exterior surfaces of the dumper body.
	2.7.3.	At both sides of the superstructure and at its back, there shall be reflective strips and markings, in accordance with TSE ECE R-104 (2002) requirements.
	2.7.4.	Mandatory markings, warnings and function tagging shall be of an easily visible size and colour, and shall be permanent not to be erased or dropped.
	2.7.5.	There shall be inscriptions and emblems requested by the requiring entity on the driver's cabin and the side surfaces.
	2.7.6.	Also on the driver's cabin and the superstructure, there shall be inscriptions and emblems specified by UNDP, its material properties, place and size shall be specified during the checks.
2.8.	**Possible Modifications**	
	2.8.1.	For the installation of the superstructure; an open load body shall be acquired.
	2.8.2.	There shall be absolutely no intervention on the vehicle chassis except for the shortening of the rear overhang and the auxiliary chassis.
	2.8.3.	For miscellaneous equipment and installation connections; where necessary, locations of fuel and urea tanks may be changed but such changes may only be undertaken upon permission from the chassis vehicle manufacturer or general distributor in Turkey and at authorised services.
2.9.	**Toolkits and Equipment to be Provided Along**	
	2.9.1.	Together with the vehicles; company standard toolkits and the following toolkits and equipment compliant with the Regulation on Road Traffic shall be provided. • 1 unit of Fire Extinguisher (Total filling capacity of 6 kg, KKT ABC Type.) • 1 unit of Hydraulic Jack and Jack Lever (Suitable for the vehicle tonnage.) • 1 unit of Hexagon Wrench and Handle • 1 set of Spare Light bulbs (For the external lighting) • 1 unit of Insulated Pliers • 1 unit of Screwdriver (Flat tip-Philips head) • 1 unit of Portable Lamp or Flashlight • 1 pair of Skid Chains • 1 unit of Towing Steel Bridle (Suitable for the vehicle capacity) • 2 units of Reflectors (Compliant with ECE R 27 Regulation) • 1 unit of Complete Spare Tire (at the size used in the vehicle, with tire rim and rubber) • 1 unit of Wheel Chock (Suitable for the vehicle capacity) - 1 unit of First Aid Kit specified in relevant Turkish legislation and regulations.

TECHNICAL SPECIFICATIONS FOR LOT 3

#	Item to be supplied description/	Quantity	Delivery Date
3.	**Objects and Urgent Waste Collection Vehicle**	**2**	In **90 calendar** days following the date of contract signature, the vehicle shall be delivered to the delivery place.

Technical Specifications

3.1.	**General**	
	3.1.1.	Objects and Urgent Waste Collection Vehicles are 4x2-drive, open sheet metal body pick-up trucks which will have a maximum 3500 kg of weight carrying capacity to be purchased by **UNDP (United Nations Development Programme)** to meet the needs of certain municipalities. These vehicles shall be used within the operation zone to collect the type of waste which cannot be collected by other waste collection vehicles and excess household objects and clothes and transfer them to a Kilis and Haliliye(Şanlıurfa) Municipalities.
3.2.	**Technical Specifications and Equipment**	
	3.2.1.	These vehicles shall be made of steel sheet with combined driver and engine compartments and a forward-nosed type. The engine compartment shall be located in the front and the chamber shall be accessible through the engine hood.
	3.2.2.	The driver's cabin shall have 1+2 seats, 2 doors and a standard single-line seating. Doors shall have central locking and door windows shall be electrically controlled. The steering wheel shall be on the left and have tilt and height adjuster and hydraulic auxiliary power. Outside rear-view mirrors shall be electrically controlled and heated. There shall be sun visors, windshield wipers with a minimum of 2 speed levels and window washing system, heater, air-conditioner and radio-CD or Radio-MP3 player.
	3.2.3.	All seats shall have headrests and automatic retreating seat belts. Driver's seat shall have at minimum have adjusters for forward-backward tilting and back-lean angle and height setting.
	3.2.4.	Engine: - 4-cycle, 4-cylinder, water-cooled, with a turbo-intercooler feature, diesel, - Total engine size (capacity/volume): Minimum of 1900 cc and maximum of 3000 cc, - The maximum power: Minimum 45 PS at 4000 rpm at most, - The maximum torque: Minimum 340 Nm, this level shall be reached in 2000 rpm at most, - The exhaust emissions shall meet the Euro-6 emission standards, - The cooling equipment shall have at least a -25°C antifreeze mixture,
	3.2.5.	The gearbox shall have at least 6 forward and 1 reverse speed levels.
	3.2.6.	The brake system shall be disked or drummed, with ABS support, vacuum supplemented double circuit hydraulic,. The parking brake shall be mechanically operated and effective on the rear axle..
	3.2.7.	The suspension shall have leaf springs with front and rear stabilizing bars and a shock absorber.
	3.2.8.	The electrical system shall be 12 volts, with at least 12Vx80 Amps-hour.
	3.2.9.	It shall have external front and rear lighting compliant with the Regulation on Road Traffic. (Parking and signal lamps, high and low beams in the front; parking, brake, signal, fog and license plate lamps in the rear etc.).
	3.2.10.	The tire sizeand properties shall be as specified in the brochure. The vehicle shall have a minimum of 4 tires and a full spare tire with the same properties and tire rim shall be provided. Rear axle may be 2 or 4 wheeled.
	3.2.11.	The fuel tank: Minimum 70-litre capacity The urea tank, if any: Minimum 15-later capacity.
	3.2.12.	The vehicles shall have 3500 kg of weight at maximum load. The front axle capacity: Minimum 1600 kg The rear axle capacity: Minimum1800 kg, The empty weight of the vehicle: Maximum 1200 kg Carrying capacity: Minimum 1100 kg.
	3.2.13.	Maximum length of vehicle: 6750 mm, Maximum width of the vehicle (excluding the mirrors): 2100 mm, Maximum height of the vehicle: 2350 mm, The wheel base: between 3600 mm and 4000 mm.
	3.2.14.	The vehicles shall have open load bodies made of steel sheet or aluminium at the level of the vehicle manufacturer or distributor in Turkey. The vehicle shall be specified in the Type Approval Certificate provided with the vehicle for traffic registration as open-body and a separate body modification certificate shall not be accepted.

	3.2.15.	The right, left and rear lids of the body shall be bottom hinged and openable from the bottom. Measurements of the body shall be; as measured side-to-side on the inside, a minimum of 3400 mm length and a minimum of 1900 mm width and a minimum of 400 mm lid height.
	3.2.16.	The vehicles shall be brand new and the model year of the vehicle subject to the offer shall be the newest on sale in Turkey; and this shall be documented.
3.3.	**Painting-Inscriptions and Emblems**	
	3.3.1.	The vehicle shall be painted white as the company standard on which there shall be cladding, inscriptions and emblems requested by the municipalities and UNDP. The material properties, place and size of the inscriptions and emblems shall be specified during the manufacturing period.
3.4.	**Toolkits and Equipment to be Provided at Delivery**	
	3.4.1.	**The Contractor** shall provide company's standard toolkits and following toolkits & equipment compliant with the Regulation on Road Traffic. • 1 unit of Fire Extinguisher (Total filling capacity of 6 kg, KKT ABC Type.) • 1 unit of Hydraulic Jack and Jack Lever (Suitable for the vehicle tonnage.) • 1 unit of Hexagon Wrench and Handle • 1 set of Spare Light bulbs (For the external lighting) • 1 unit of Insulated Pliers • 1 unit of Screwdriver (Flat tip-Philips head) • 1 unit of Portable Lamp or Flashlight • 1 pair of Skid Chains • 1 unit of Towing Steel Bridle (Suitable for the vehicle capacity) • 2 units of Reflectors (Compliant with ECE R 27 Regulation) • 1 unit of Complete Spare Tire (at the size used in the vehicle, with tire rim and rubber) • 1 unit of Wheel Chock (Suitable for the vehicle capacity) • 1 unit of First Aid Kit specified in relevant Turkish legislation and regulations.

Section 5b: Other Related Requirements

Further to the Schedule of Requirements in the preceding Table, Bidders are requested to take note of the following additional requirements, conditions, and related services pertaining to the fulfillment of the requirements:

Delivery Term [INCOTERMS 2010]	DAP
Exact Address of Delivery/Installation Location	For Lot 1: Kilis: 1 piece Kilis Municipality Şanlıurfa: 2 pieces Haliliye Municipality For Lot 2: Kilis: 2 pieces Kilis Municipality Şanlıurfa: 4 pieces Haliliye Municipality For Lot 3: Kilis: 1 piece Kilis Municipality Şanlıurfa: 1 piece Haliliye Municipality Exact delivery addresses shall be informed after signature of the contract.
Customs, if required, clearing shall be done by:	UNDP
Checks, Inspection and Acceptance	**For Lot 1 and Lot 2:** - The superstructures of the vehicles (Waste Collection Vehicles and Waste Taxi) shall be subjected to an interim inspection in the manufacturing stage. Superstructures at the various manufacturing stages shall be examined according to the specifications and an Interim Inspection Report shall be prepared. Nonconformities identified in the Interim Inspection Report shall be corrected by the Contractor and manufacturing shall continue. - After the manufacturing of the superstructure is completed, conformity tests for the technical specifications and legislation provisions and function tests shall be executed and an inspection report shall be drafted. If the inspection results are conformant, the Vehicles shall be dispatched by the Contractor to the announced addresses. Final checks and final acceptance of the Vehicles shall be executed at these addresses. If the inspection result is not compliant, The Vehicles shall be re-examined after the defects and deficiencies identified in the report are corrected by the Contractor. - The dates on which the Vehicles in question will be ready for interim inspection and final check shall be announced 1 week earlier.

	- There shall be at least 1 (one) Contractor Representative who is experienced in the subject vehicles operations and functions during the interim inspection, final check and function tests. - The Contractor shall cover the expenses and equipment required for the interim inspection, final inspection/check and function tests. **For Lot 3:** - Vehicles in question shall be checked for compliance with the technical specifications and legislation provisions at the site of the Contractor and a preliminary inspection report shall be prepared. - If the preliminary inspection results are conformant, the vehicles shall be dispatched by the Contractor to the announced addresses. Final checks and final acceptance of the said vehicles shall be executed at these addresses. - If the final inspection result is not compliant, the vehicles shall be re-examined after the defects and deficiencies identified in the report are corrected by the Contractor. - The dates on which the vehicles in question will be ready for ex-ante control and final control shall be announced 1 week earlier. - There shall be at least one authorized person from the Contractor who is experienced in the said vehicle operations and functions during the interim inspection, final check and function tests. - The Contractor shall cover the expenses and equipment required for the interim inspection, final check and function tests.
Documents to be provided with the goods upon delivery	**For Lot1 and Lot 2:** Together with the Vehicles (Waste Collection Vehicles and Waste Taxi); chassis vehicle conformity certificate, warranty certificate, user and maintenance manual as well as warranty certificates and user manuals for the various installations used (Radio/CD/MP3 player, air conditioner, digital tachograph etc.) shall be provided by the Contractor. The approved modification design project and engineering computations or mass production certificate which are required for traffic registration; operation and maintenance manual and warranty certificate shall be provided for the superstructure along with the vehicles by the Contractor. The first inspections required for traffic registration shall be handled by the Contractor and its documents shall be provided to the municipalities during the delivery. If the Mass Production Certificate is furnished, these shall not be required. All costs shall be born by the Contractor. Certificate of compliance with CE norms, if applicable Commercial warranty document of the manufacturer and/or authorized dealer/distributor of manufacturer; Operation and maintenance manuals Authorised service providers list **For Lot 3:** Together with the vehicles; vehicle conformity certificate, warranty certificate, user and maintenance manual as well as warranty certificates and user manuals for the various installations used (Radio/CD/MP3 player, air conditioner, etc.) shall be provided. Certificate of compliance with CE norms, if applicable Commercial warranty document of the manufacturer and/or authorized dealer/distributor of manufacturer; Operation and maintenance manuals Authorised service providers list

Scope of Training on Operation and Maintenance	**<u>For Lot 1 and Lot 2:</u>** After the final checks and final acceptance inspections, if the vehicles are found to be compliant, the Contractor shall give free training on the operation of the vehicles and equipment on dates and addresses announced by UNDP. The Contractor shall provide minimum 2-hours hands-on training for each vehicle.
Warranty Period	The Contractor shall warrant the goods against any deficiency or any other problem for a period of one year. During warranty period, in any case resulting from deficiency or any other problem of the goods: • Response time: Contractor shall troubleshoot within 24 hours (online or via phone). If the problem cannot be solved online or via phone support, Contractor shall be available or act on site within 3 days. • Repair time: Within 30 calendar days from the receipt of the malfunctioning goods. If during 30 calendar days, it is foreseen that the goods cannot be repaired and the malfunction is not fault of the operator, corresponding functional item should be provided until malfunctioning goods is repaired. • Only original or approved by the manufacturer(s) spare parts should be used in any repair service • Contractor should be authorised by the manufacturer(s) maintenance service centre(s) or should have a contract with such service centre(s) for the time of the implementation and contractual warranty period of all goods. The goods shall be accompanied by a commercial (manufacturer) warranty for minimum two years or 100,000 km (whichever happens first) beginning from the date of written acceptance of goods by UNDP.
Local Service Support	There shall be authorized service provider for the proposed equipment made/model in Turkey.
After-sale services Requirements	After Sales services is not in the scope of this contract. However, the Contractor shall demonstrate that after sales support services and spare parts will be available for 10 years period.
Payment Terms	100% within 30 days upon UNDP's acceptance of the goods delivered as specified and receipt of invoice
Conditions for Release of Payment	☒ Inspection upon arrival at destination ☒ Training on Operation and Maintenance ☒ Written Acceptance of Goods based on full compliance with ITB requirements
Condition for issuance of "Certificate of satisfactory performance" and release of "Performance Security"	Contractor's full completion of services including the obligations in the warranty period of one year following written acceptance of goods.
All documentations, including catalogues, instructions and operating manuals, shall be in this language	Turkish

SECTION 6: RETURNABLE BIDDING FORMS / CHECKLIST

This form serves as a checklist for preparation of your Bid. Please complete the Returnable Bidding Forms in accordance with the instructions in the forms and return them as part of your Bid submission. No alteration to format of forms shall be permitted and no substitution shall be accepted.

Before submitting your Bid, please ensure compliance with the Bid Submission instructions of the BDS 22.

Technical Bid:

Have you duly completed all the Returnable Bidding Forms?	
▪ Form A: Bid Submission Form	☐
▪ Form B: Bidder Information Form	☐
▪ **Form C: Joint Venture/Consortium/ Association Information Form**	**N/A**
▪ Form D: Eligibility and Qualification Form	☐
▪ Form E: Format of Technical Bid/Bill of Quantities	☐
▪ From G: Form of Bid Security	
Have you provided the required documents to establish compliance with the evaluation criteria in Section 4?	☐

Price Schedule:

▪ Form F: Price Schedule Form	☐

Form A: Bid Submission Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

We, the undersigned, offer to supply the goods and related services required for [Insert Title of goods and services] Lot 1 / Lot 2 / Lot 3" in accordance with your Invitation to Bid No. [Insert ITB Reference Number] and our Bid. We hereby submit our Bid, which includes this Technical Bid and Price Schedule.

Our attached Price Schedule is for the sum of [Insert amount in words and figures and indicate currency]. [for LOT 1]
Our attached Price Schedule is for the sum of [Insert amount in words and figures and indicate currency]. [for LOT 2]
Our attached Price Schedule is for the sum of [Insert amount in words and figures and indicate currency]. [for LOT 3]

We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium /Association members or subcontractors or suppliers for any part of the contract:

a) is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists;
b) have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization;
c) have no conflict of interest in accordance with Instruction to Bidders Clause 4;
d) do not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with our firm in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15);
e) have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future;
f) undertake not to engage in proscribed practices, including but not limited to corruption, fraud, coercion, collusion, obstruction, or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we embrace the principles of the United Nations Supplier Code of Conduct and adhere to the principles of the United Nations Global Compact.

We declare that all the information and statements made in this Bid are true and we accept that any misinterpretation or misrepresentation contained in this Bid may lead to our disqualification and/or sanctioning by the UNDP.

We offer to complete works in conformity with the Bidding documents, including the UNDP General Conditions of Contract and in accordance with the Schedule of Requirements and Technical Specifications.

Our Bid shall be valid and remain binding upon us for the period specified in the Bid Data Sheet.

We understand and recognize that you are not bound to accept any Bid you receive.

I, the undersigned, certify that I am duly authorized by [Insert Name of Bidder] to sign this Bid and bind it should UNDP accept this Bid.

Name: _____

Title: _____

Date: _____

Signature: _____

[*Stamp with official stamp of the Bidder*]

Form B: Bidder Information Form

Legal name of Bidder	[Complete]
Legal address	[Complete]
Year of registration	[Complete]
Bidder's Authorized Representative Information	Name and Title: [Complete] Telephone numbers: [Complete] Email: [Complete]
Are you a UNGM registered vendor?	☐ Yes ☐ No If yes, [insert UGNM vendor number]
Are you a UNDP vendor?	☐ Yes ☐ No If yes, [insert UNDP vendor number]
Countries of operation	[Complete]
No. of full-time employees	[Complete]
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) *(If yes, provide a Copy of the valid Certificate):*	[Complete]
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? *(If yes, provide a Copy of the valid Certificate):*	[Complete]
Does your Company have a written Statement of its Environmental Policy? *(If yes, provide a Copy)*	[Complete]
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues	[Complete]
Is your company a member of the UN Global Compact	[Complete]
Contact person that UNDP may contact for requests for clarifications during Bid evaluation	Name and Title: [Complete] Telephone numbers: [Complete] Email: [Complete]
Please attach the following	▪ Company Profile, which should <u>not</u> exceed fifteen (15) pages,

documents:	▪ Certificate of Incorporation/ Business Registration ▪ Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder ▪ Trade name registration papers, if applicable ▪ Power of Attorney. ▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country ▪ Authorization letter from the manufacturer for dealers or distributors ▪ Manufacturer brochures for the proposed make/model of the goods

Form C: Joint Venture/Consortium/Association Information Form

This form is not applicable

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

To be completed and returned with your Bid if the Bid is submitted as a Joint Venture/Consortium/Association.

No	**Name of Partner and contact information** *(address, telephone numbers, fax numbers, e-mail address)*	**Proposed proportion of responsibilities (in %) and type of goods and/or services to be performed**
1	[Complete]	[Complete]
2	[Complete]	[Complete]
3	[Complete]	[Complete]

Name of leading partner (with authority to bind the JV, Consortium, Association during the ITB process and, in the event a Contract is awarded, during contract execution)	[Complete]

We have attached a copy of the duly notarized JV/Consortium/Association agreement, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture.

We hereby confirm that if the contract is awarded, all parties of the Joint Venture/Consortium/Association shall be jointly and severally liable to UNDP for the fulfillment of the provisions of the Contract.

Name of partner: _____

Signature: _____

Date: _____

Name of partner: _____

Signature: _____

Date: _____

Name of partner: _____

Signature: _____

Date: _____

Name of partner: _____

Signature: _____

Date: _____

Form D: Eligibility and Qualification Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

History of Non- Performing Contracts

☐Non-performing contracts did not occur during the last 3 years. (reference period to be taken into account: from 10 March 2017 to 10 March 2020)
☐ Contract(s) not performed in the last 3 years. (reference period to be taken into account: from 10 March 2017 to 10 March 2020)

Year	**Non- performed portion of contract**	**Contract Identification**	**Total Contract Amount** (current value in US$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

Litigation History (including pending litigation)

☐ No litigation history for the last 3 years. (reference period to be taken into account: from 10 March 2017 to 10 March 2020)
☐ Litigation History as indicated below

Year of dispute	**Amount in dispute** (in US$)	**Contract Identification**	**Total Contract Amount** (current value in US$)
		Name of Client: Address of Client: Matter in dispute: Party who initiated the dispute: Status of dispute: Party awarded if resolved:	

Previous Relevant Experience

Please list only previous similar assignments successfully completed in the **last 3 years**. (reference period to be taken into account: from March 10, 2017 to March 10, 2020)

List only those assignments for which the Bidder was legally contracted or sub-contracted by the Client as a company or was one of the Consortium/JV partners. Assignments completed by the Bidder's individual experts working privately or through other firms cannot be claimed as the relevant experience of the Bidder, or that of the Bidder's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. **The Bidder shall provide proof documents for the claimed experience by presenting copies of relevant documents and references with the Bid.**

Project name & Country of Assignment	Client & Reference Contact Details	Contract Value (in USD equivalent*)	Period of activity and status	Types of activities undertaken

*Bidders shall convert the currency quoted in the "Certificate of Completion" into USD, in accordance with the prevailing UN operational rate of exchange on the contract date stated by "Certificate of Completion". UN operational rate of exchange are available at the following website: https://treasury.un.org/operationalrates/OperationalRates.php#E

Bidders may also attach their own Project Data Sheets with more details for assignments above.

☐ Attached are the Statements of Satisfactory Performance / Work Completion Certificates from the Top 3 (three) Clients or more.

Financial Standing

Annual Turnover for the last 3 years (in US$ equivalent[3])	Year Year Year	USD USD USD
Latest Credit Rating (if any), indicate the source		

Financial information (in US$ equivalent[4])	**Historic information for the last 3 years**		
	Year 1	Year 2	Year 3
	Information from Balance Sheet		
Total Assets (TA)			
Total Liabilities (TL)			
Current Assets (CA)			
Current Liabilities (CL)			
	Information from Income Statement		
Total / Gross Revenue (TR)			
Profits Before Taxes (PBT)			
Net Profit			
Current Ratio			

☐ Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

a) Must reflect the financial situation of the Bidder or party to a JV, and not sister or parent companies;
b) Historic financial statements must be audited by a certified public accountant;

[3] Bidders shall convert the currency into USD by using the UN operational rate of exchange which was effective for 31 December of each corresponding year. UN operational rate of exchange are available at the following website: https://treasury.un.org/operationalrates/OperationalRates.php#E

[4] Bidders shall convert the currency into USD by using the UN operational rate of exchange which was effective for 31 December of each corresponding year. UN operational rate of exchange are available at the following website: https://treasury.un.org/operationalrates/OperationalRates.php#E

c) Historic financial statements must correspond to accounting periods already completed and audited. No statements for partial periods shall be accepted.

Form E: Format of Technical Bid

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

The Bidder's Bid should be organized to follow this format of the Technical Bid. Where the bidder is presented with a requirement or asked to use a specific approach, the bidder must not only state its acceptance, but also describe how it intends to comply with the requirements. Where a descriptive response is requested, failure to provide the same will be viewed as non-responsive.

SECTION 1: Bidder's qualification, capacity and expertise

1.1 General organizational capability which is likely to affect implementation: management structure, financial stability and project financing capacity, project management controls, extent to which any work would be subcontracted (if so, provide details).

1.2 Relevance of specialized knowledge and experience on similar engagements done in the region/country.

1.3 Quality assurance procedures and risk mitigation measures.

1.4 Organization's commitment to sustainability.

SECTION 2: Scope of Supply, Technical Specifications, and Related Services

This section should demonstrate the Bidder's responsiveness to the specification by identifying the specific components proposed, addressing the requirements, as specified, point by point; and demonstrating how the proposed bid meets or exceeds the requirements/specifications. All important aspects should be addressed in sufficient detail.

2.1 A detailed description of how the Bidder will deliver the required goods and services, keeping in mind the appropriateness to local conditions and project environment.

2.2 Implementation plan including a Gantt Chart or Project Schedule indicating the detailed sequence of activities that will be undertaken and their corresponding timing.

2.3 Demonstrate how you plan to integrate sustainability measures in the execution of the contract.

Technical Compliance Table

Bidders shall fill out below table by indicating the Brand Name and Model Number of the product offered and confirm conformance of the product with the technical requirements listed in below table.

Product brochures and/or catalogues shall be submitted.

LOT 1	**Hydraulic Compaction Waste Collection Vehicle (Rear-End Loading with 13+1.5 m^3 Capacity)**	
Offered make/brand name and model		
Requested Technical Specifications	**Your Offer (Please fill out with the specifications of the make/model you propose. Do not copy the technical specification)**	**Remarks, if any**

1.1.	Hydraulic Compaction Waste Collection Vehicles (hereinafter referred to as "Waste Collection Vehicles") shall have 13+1.5 m^3 waste carrying capacity on a 4x2-drive chassis truck to be purchased by United Nations Development Programme (UNDP) to meet the waste collecting needs of Kilis and Haliliye(Şanlıurfa) Municipalities.			
1.2.	The superstructure of Waste Collection Vehicles consists of a waste chamber (body), rear lid and loading chamber, compaction and unloading panel, waste container unloading system, hydraulic installation and controls. The superstructure and all of its equipment shall comply with TS EN 1501-1 Standard.			
1.3.	All sheet metal to be used for the superstructure construction shall be St-52 quality.			
1.4.	The dimensions of the completed Waste Collection Vehicles shall not exceed the limits specified in relevant legislation and regulations.			
1.5.	The density of the compacted waste shall be regarded as a minimum of 0.5 ton/m^3 and the weight at maximum load can only be exceeded by the weight tolerances specified in the Regulation on Road Traffic.			
1.6.	**Chassis Truck Unit**			
	1.6.1.	Axile configuration: 4x2		
	1.6.2.	The driver's cabin shall be white coloured as the Contractor's standard, flat-face, tilting, with a minimum 1+1 people capacity. The cabin shall have two doors with central locking and electrically controlled door windows. The steering wheel shall be on the left and have tilt and height adjuster and hydraulic auxiliary power. Outside rear-view mirrors shall be electrically controlled and heated. All seats shall have automatic retreating seat belts. The cabin shall have sun visors, windshield wipers with a minimum of 2 speed levels and window washing system, heaters, air-conditioner and radio-CD or Radio-MP3 players.		
	1.6.3.	The truck unit shall have 18,000 kg of gross vehicle weight (GVW) at maximum load. The front axle capacity shall be minimum 7,000 kg, the rear axle capacity shall be minimum 11,500 kg. The weight of the chassis truck unit shall be 7,000 kg at most and its carrying capacity shall be minimum 11,000 kg.		
	1.6.4.	Overall length: Maximum 8,850 mm, Overall width: Maximum 2,550 mm, Overall height: Maximum 3,650 mm Wheel base: minimum 3,600 mm and maximum 4,300 mm.		
	1.6.5.	Engine: - 4-cycle, 6-cylinder, water-cooled, turbo-intercooler - total engine size (capacity/volume): minimum of 6,500 cm^3 and maximum of 9,000 cm^3 - The maximum torque shall be at least 1,000 Nm.		

		This level shall be reached in 1,250 rpm at most. - The exhaust emissions shall meet the Euro-6 emission standards. - The cooling equipment shall have at least a -25°C antifreeze mixture. - The maximum power shall be minimum 275 HP at 2,250 rpm at most.		
	1.6.6.	The gearbox shall have minimum 8 forward speed and 1 reverse speed level and a PTO exhaust.		
	1.6.7.	The brake system shall be disked or drummed, with ABS-ASR support, double circuit with full dry air. Also, it shall have an exhaust or engine brake and an air operated parking brake effective on the rear axle.		
	1.6.8.	The suspension shall have leaf springs, at least the front axle shall have a stabilizing bar and a shock absorber.		
	1.6.9.	The electrical system shall be 24 volts, with at least 2x12Vx140 Amps-hour battery and a 28 volts 70 Amps alternator.		
	1.6.10.	Waste Collection Vehicles shall have external front and rear lighting compliant with the Regulation on Road Traffic. (Parking and signal lamps, high and low beams, side marker lamps in the front; parking, brake, signal, fog and license plate lamps in the rear etc.)		
	1.6.11.	The tire size, quantity and properties shall be as specified in the brochure provided by the manufacturer. The vehicle shall have 6 tires and a full spare tire with the same properties and tire rim shall be provided.		
	1.6.12.	Fuel tank capacity: Minimum 150 liter. Urea tank capacity: Minimum 10 liter.		
	1.6.13.	The model year of the truck unit shall not be older than 2020.		
1.7.	**Waste Chamber (Body)**			
	1.7.1.	The net loading volume of the body shall be minimum 13 m^3.		
	1.7.2.	The auxiliary chassis shall be made of minimum 8 mm pressed C-shape sheet metal and shall be of the same width as the main chassis. The cross-section height of the chassis shall be determined by taking into account the amount of settlement of the vehicle suspension when it is loaded, leaving adequate gap for skid chain between the rear wheel and the mudguard and the cross-section height of the chassis shall not be less than 180 mm. The auxiliary chassis shall be connected to the vehicle chassis with bolts using proper connection brackets as recommended by the chassis vehicle manufacturer, front connections shall be flexible.		
	1.7.3.	The bottom plate shall be at least 5 mm thick and supported by an adequate number of underlying pressed U-shape beams of proper section at least 4 mm thick. Beam intervals shall not exceed 750 mm in terms of beam axis. In order for the bottom plate to be supported from a wider surface, beams shall be embedded in the auxiliary chassis.		

	1.7.4.	Under the front side of the body bottom plate, there shall be a tank with a ball valve to accumulate the leachate and the accumulated water shall be able to be emptied at the unloading location.		
	1.7.5.	The side walls of the body shall be made of at least 3 mm thick convex metal plate within a pressed sheet metal frame at least 4 mm thick. On the internal surface of the side walls, there shall be slides above the floor level, on which the unloading panel will operate. For the slides; NPU 100 material or at least 5 mm thick pressed U-shape sheet metal of equivalent size shall be used.		
	1.7.6.	The ceiling of the body shall be covered with an at least 3 mm thick sheet metal material. Water accumulation shall be prevented on the ceiling and there shall be perforated moving connection lugs on the corners of the ceiling to let the body move when necessary.		
	1.7.7.	Plastic or pressed sheet metal mudguards shall be made for the rear wheels and there shall be a spare tire storage place under the body by the right or left side of the chassis or chamber front side. If there is no suitable place in these areas; a spare tire storage shall be made for the spare tire on the body ceiling right front side and a ladder shall be installed for easy access to the spare tire.		
1.8.	**Rear Loading and Unloading Lid**			
	1.8.1.	The rear lid shall be connected to the body top rear corners through slotted lugs, the top lid upper connection lugs shall move upwards in parallel direction to the flange axis through hydraulic cylinders on both sides and the lid shall be released from the lower locking tabs and shall open at least parallel to horizontal. The total amount of time for the lid to open shall not exceed 20 seconds and the total amount of time for it to close shall not be less than 20 seconds.		
	1.8.2.	On the rear lid cylinders, there shall be lock safety valves which will not let the lid drop in order to prevent hose bursts when the lid is open. Also; during maintenance, in order to prevent lid cylinders from being under constant load when the lid is open, there shall be a folding safety locking mechanism under the lid.		
	1.8.3.	On the lid; in order to ensure leak proofing between the lid and the body, there shall be an easily replaceable and acid-resistant rubber gasket which shall be monobloc and shall move up to the lid moving cylinders' levels on the sides. In order to ensure that the lid pushes against the gasket, locking tabs and the axes of the upper lid connection lugs shall not be parallel to the closing surface and there shall be a certain angle such that the gap between lid and body is reduced when it moves downwards in the slot axis. Locking tabs and upper lid connection lugs' slot sliding directions shall be parallel with each other.		

	1.8.4.	The waste loading chamber shall have at least 1.2 m^3 capacity to the brim and 1.5 m^3 when piled on. It shall be in the proper form for the movement of the compaction bucket. The bucket shall not rub against the chamber while operating and there shall be no excessive gap between the chamber and the bucket and there shall be a leachate accumulation container under the waste collection chamber with a release valve. The waste loading chamber and all sheet metal surfaces exposed to the rubbing of the waste while the waste is being loaded in the chamber shall be made of at least 6 mm thick sheet metal and there shall be adequate reinforcement made of pressed U-shape sheet metal.		
	1.8.5.	The compaction mechanism shall consist of a slide moving in a linear motion on top of the grooves made of solid steel material placed on the side walls of the rear lid and a rotary bucket at its end. The surfaces of the bucket which come into contact with waste shall be made of at least 6 mm thick sheet metal. The bucket shall gather the waste in the chamber with a rotary motion, compact the waste with an upward linear motion of the slide parallel to the lid surface and transfer it to the chamber. The total cycle period of the slide and the bucket shall not exceed 25 seconds in the automatic position.		
	1.8.6.	Linear motions of the slide and the rotary motions of the bucket shall be ensured via two hydraulic cylinders each, hydraulic cylinders of the slide shall be placed outside the chamber on the sides and the hydraulic cylinders of the bucket shall be connected to the sliding system with bearings.		
	1.8.7.	The sliding system shall move on top of the sliding grooves within shoes made of high density abrasion-resistant materials such as castermid or equivalent, these shoes shall be replaceable without dismantling the slide. Also, the centering of the slide inside the rear lid shall be made with adjustable shoes of the same properties.		
	1.8.8.	The arms of the container loading system to be placed on the rear lid shall be foldable and be able to empty at least two different sizes of waste containers to be specified by the requiring municipality into the waste loading chamber. During unloading, the container shall be able to be rotated 135° with regard to its first position.		
	1.8.9.	On both sides of the back of the lid there shall be foldable ladders with nonslip stepping surfaces and handles. When the ladder is open, the hydraulic installation shall not operate, the vehicle shall not be able to move in reverse and its forward speed shall not exceed 30 kmh.		
	1.8.10.	Lid lifting and sliding cylinders and hydraulic connections placed on the sides of the rear lid shall be made of at least 2 mm thick sheet metal, hinged and lockable, protected by right and left side lids.		

	1.8.11.	Self-aligning bearings shall be used for upper and lower connections of all the hydraulic cylinders on the rear lid (lid lifting, sliding and bucket cylinders).		
1.9.	**Compaction and Unloading Panel**			
	1.9.1.	Compaction and unloading panel shall be formed by covering the surface of the panel frame which also carries the panel bearings and comes into contact with waste with at least 4 mm thick sheet metal, the body shall be moved on top of slides mounted horizontally on the sides of the body, using an extendable telescopic cylinder with at least 2 levels supported by the front body strut.		
	1.9.2.	Bearings within the panel frame shall be covered with abrasion and acid-resistant castermid with easily replaceable bolted connections or equivalent material.		
	1.9.3.	When the chamber is empty the panel shall stay at the rear end; when the waste is loaded, rear lid compaction mechanism shall move forward by releasing hydraulics in an adjusted pressure via a pilot controlled valve alerted by the hydraulic pressure and by doing so the waste shall be compacted.		
	1.9.4.	Unloading shall be done by the panel being pushed to the rear end of the body as a result of the telescopic panel cylinder being fully opened after the rear lid is opened, since the panel moved up to the front side of the body when it was loaded. The duration for the panel to reach from the front to the rear end of the body shall be less than 90 seconds.		
1.10.	**Hydraulic Installation**			
	1.10.1.	The hydraulic installation shall consist of an oil tank, a hydraulic pump, 2 rear lid cylinders, 2 slide cylinders, 2 bucket cylinders, 1 compaction and unloading panel telescopic cylinder, suction and pressure pipes and hoses, manually controlled valves and electro-pneumatic or electro-hydraulic valves.		
	1.10.2.	All movements in the system shall be executed by hydraulic power whereas hydraulic power shall be provided through a hydraulic pump. The hydraulic pump shall have at least 200 bar pressure which shall be driven by a PTO coupled vehicle's gearbox. The hydraulic pump shall be able to pump at least 60 litres/minute of oil at the engine revolution level adjusted for manual accelerator and automatic accelerator. The hydraulic system pressure shall not exceed 175 bars for any of the hydraulic equipment. The adjusted engine revolution shall not be higher than the torque revolution.		
	1.10.3.	All hydraulic pistons used in the system shall be double-acting. There shall be a hydraulic locking valve to prevent hose bursts at the rear lid lift cylinders. Hydraulic cylinder bodies shall be made of seamless cold rolled St 52 BK quality pipe to DIN 2391C standards; its internal surfaces shall be honed and polished, internal surface roughness shall be 0.4 microns and the inside diameter tolerance shall be to		

		ISO H8 standard.		
	1.10.4.	All pipes used in the hydraulic installation shall be seamless cold rolled St 35.4 quality, normalized and bonderized to DIN 2391C standard with its phosphate coat in its interior and exterior. EO type imported compaction fittings shall be used at pipe joints.		
	1.10.5.	Hydraulic hoses shall be able to operate within -40/+120°C temperature range and shall be resistant to hydraulic oil and external factors. Pressure hoses shall be made of Nitrile Rubber according to SAE 100R2 standard with double layer spiral steel wire reinforcement and suction hoses shall be made according to SAE 100R4 Standard with spiral steel wire reinforcement. A screening protection (spiral wrap, etc.) shall be applied to the exterior of hydraulic hoses in order to protect them against external factors and sudden hose bursts.		
	1.10.6.	In the hydraulic system; all equipment pieces operating under pressure shall be able to endure at least 4 times of the pressure they bear.		
	1.10.7.	The hydraulic tank volume shall be at least double the total cylinder volume and there shall be an oil level gauge with thermometer, a ventilated tank lid, a suction filter of 125 µ and a return filter of 25 µ on the tank and there shall be a discharge plug at the bottom of the tank. The filter permeability shall not be less than 100 liters/minute.		
	1.10.8.	There shall be grease nipples at all joints in the system and all joints shall be oiled with grease.		
1.11.	**Additional Electrical Installation and Controls**			
	1.11.1.	The electrical installation to be used in the superstructure shall comply with EN 60204-1 standards. Flexible cables with TSEK certification shall be used and cables shall be passed through the tubes and the complete electrical installation shall be done with the proper mounting brackets and without touching the metal surfaces, there shall be fuses and relay boxes for electrical equipment and they shall comply with EN 60529 IP 65 protection class.		
	1.11.2.	At the top side of the rear lid, there shall be 1 rotating amber lamp, a rear work floodlight and a rear-view camera; in the driver's cabin, there shall be an LCD monitor. PTO and controls of these equipment pieces shall be at the driver's cabin.		
	1.11.3.	The movement of the rear lid lifting and unloading panel shall be ensured by the double hydraulic controlling valve with a safety button and manual accelerator placed in the front left side of the waste chamber. Also there shall be a separate button to automatically operate the slide and bucket system on its own in order to empty the waste in the loading chamber.		
	1.11.4.	Bucket, slide and container unloading controls on the rear lid shall be placed on the right side of the rear lid. Controls can be done manually via the hydraulic		

		control sticks and automatically via the buttons in the control box. The control box shall contain buttons for automatic compaction motion options, electronic accelerator, driver alerts and emergency situations etc. The automatic compaction option shall bring the engine revolution automatically to the adjusted level.		
	1.11.5.	The emergency stop button shall be placed on the left side of the rear lid as well as the driver's cabin and shall deactivate all controls except for the escape button. The escape control shall be in an easily accessible place within the loading chamber and shall reverse the system and bring the motion to its starting position.		
	1.11.6.	Controls shall be suitable for operating with hand gloves and the button diameters shall be at least 20 mm. Markings on the controls shall be of easily visible size and colour and erasure-resistant.		
1.12.	**Painting-Inscriptions and Emblems**			
	1.12.1.	All the equipment pieces shall be sanded and cleaned with required chemicals before the painting, after the surface levelling is done by paste, onto an at least 40 µ epoxy primer, exterior surfaces shall be painted with the same colour of the cabin, bottom surfaces and mudguards; if they are metal, they shall be painted with the same colour of chassis, interior surfaces shall be painted with epoxy topcoat. Topcoat thickness shall be at least 40 µ.		
	1.12.2.	At both sides of the superstructure and at its back, there shall be reflective strips and markings, in accordance with TSE ECE R-104 (2002) requirements.		
	1.12.3.	Mandatory markings, warnings and function tagging shall be of an easily visible size and colour and shall be permanent not to be erased or dropped.		
	1.12.4.	There shall be inscriptions and emblems requested by the municipalities on the driver's cabin and the side surfaces of the waste chamber. Pictures-inscriptions and emblems on the side surfaces of the superstructure shall be in the form of cladding type. Also on the driver's cabin and the superstructure, there shall be inscriptions and emblems specified by UNDP, its material properties, place and size shall be specified during the checks.		
1.13.	**Toolkits to be Provided at Delivery**			
	1.13.1.	Mandatory equipment and toolkits to be included in vehicles based on their properties as specified in the Regulation on Road Traffic as well as other Contractor's standard toolkits shall be provided together with the Waste Collection Vehicles. Mandatory equipment and toolkits according to the Regulation on Road Traffic are listed below; • 1 unit of Tachograph (mounted on the vehicle and compliant with the regulation and specifications issued by the Ministry of Science, Industry and Technology) • 2 units of Rear Sign (Compliant with ECE R 70)		

		• 1 unit of Fire Extinguisher (Total filling capacity of 6 kg, KKT ABC Type.) • 1 unit of Hydraulic Jack and Jack Lever (Suitable for the vehicle tonnage.) • 1 unit of Hexagon Wrench and Handle • 1 set of Spare Light bulbs (For the external lighting) • 1 unit of Insulated Pliers • 1 unit of Screwdriver (Flat tip-Philips head) • 1 unit of Portable Lamp or Flashlight • 1 pair of Skid Chains • 1 unit of Towing Steel Bridle (Suitable for the vehicle capacity) • 2 units of Reflectors (Compliant with ECE R 27 Regulation) • 1 unit of Complete Spare Tire (at the size used in the vehicle, with tire rim and rubber) • 1 unit of Wheel Chock (Suitable for the vehicle capacity) • 1 unit of First Aid Kit specified in relevant Turkish legislation and regulations.		
Other Related Requirements				
Scope of Training on Operation and Maintenance				
Local Service Support (Provide Authorized service providers list)				
Manufacturer warranty				

LOT 2	**Waste Taxi (With Mini Dumper) Vehicle**			
Offered make/brand name and model				
Requested Technical Specifications			**Your Offer (Please fill out with the specifications of the make/model you propose. Do not copy the technical specification)**	**Remarks, if any**
2.1.	**General**			
	2.1.1.	These specifications cover the technical properties and equipment of the **Waste Taxi (with Mini Dumper) Vehicle** (hereinafter referred to as "Waste Taxi") which will have a carrying capacity with 3000 kg of weight at maximum load on a 4x2-drive light truck to be purchased by **UNDP (United Nations Development Programme)** to meet the needs of Kilis and Haliliye(Şanlıurfa) Municipalities.		
	2.1.2.	Waste Taxi vehicles shall be used to collect waste in the areas of the city with narrow streets in which other vehicles may not enter and transfer these wastes to larger vehicles or fixed storage areas.		
	2.1.3.	The dimensions of the completed Waste Taxi shall not exceed the limits specified in relevant legislation and regulations.		
	2.1.4.	The weight at maximum load shall not exceed the technical capacity.		
2.2.	**The Carriage Vehicle**			

	2.2.1.	Waste Taxi shall be made of steel sheet with combined driver and engine compartments and a flat-face. The engine compartment shall be located under the seats.		
	2.2.2.	The driver's cabin shall have 1+2 seats, 2 doors and a standard single-line seating. Doors shall have central locking and door windows shall be electrically controlled. All seats shall have automatic retreating seat belts. Driver's seat shall have at minimum have adjusters for forward-backward tilting and back-lean angle setting. There shall be sun visors, windshield wipers with a minimum of 2 speed levels and window washing system, heaters, air-conditioner and radio-CD or Radio-MP3 players.		
	2.2.3.	<u>Engine:</u> - 4-cycle, 4-cylinder, water-cooled, with a turbo-intercooler feature, diesel - Total engine size (capacity/volume): minimum of 1900 cc and maximum of 2600 cc - The maximum power shall be minimum 125 PS at 4000 rpm at most - The maximum torque shall be at least 240 Nm, this level shall be reached in 1800 rpm at most - The exhaust emissions shall meet the Euro-6 emission standards. - The cooling equipment shall have at least a -25°C antifreeze mixture.		
	2.2.4.	The gearbox shall have at least 6 forward and 1 reverse speed levels.		
	2.2.5.	The steering wheel shall be on the left and have tilt and height adjuster and hydraulic auxiliary power.		
	2.2.6.	The brake system shall be disked or drummed, with ABS support, vacuum supplemented double circuit hydraulic, the parking brake shall be mechanically operated and effective on the shaft or rear axle.		
	2.2.7.	The suspension shall have leaf springs with front and rear stabilizing bars and a shock absorber.		
	2.2.8.	The electrical system shall be 12 volts DC.		
	2.2.9.	It shall have external front and rear lighting compliant with the Regulation on Road Traffic. (Parking and signal lamps, high and low beams in the front; parking, brake, signal, fog and license plate lamps in the rear etc.).		
	2.2.10.	The tire size and properties shall be as specified in the brochure, the vehicle shall have a minimum of 4 tires. A full spare tire with the same properties and tire rim shall be provided. Rear axle shall be 2 or 4 wheeled. If the rear axle is 4-wheeled, rear tires may be smaller size.		
	2.2.11.	Fuel tank capacity: Minimum 60 liter. Urea tank capacity (if any): Minimum 10 liter.		
	2.2.12.	The Waste Taxi shall have 3000 kg of weight at maximum load. The maximum weight of Waste Taxi shall be 1800 kg when Waste Taxi is empty. Its carrying capacity shall be minimum 1200 kg.		

	2.2.13.	Waste Taxi shall have a maximum length of at most 5150 mm; maximum width of at most 1750 mm excluding the mirrors; maximum height of at most 2000 mm. The wheel base shall be minimum 2400 mm and maximum 2650 mm.		
	2.2.14.	The model year of the vehicle subject to the offer shall be the newest on sale in Turkey; and this shall be documented.		
2.3.	**Dumper Body**			
	2.3.1.	**Dumper Lower Chassis:** It shall be made of box profile or equivalent pressed C-shape sheet metal with at least 3 mm. wall thickness. It shall run from the rear connection lug level of the front spring to the end of the chassis at the same shape height. It shall be of the same width as the main chassis and intermediate beams shall be aligned with vehicle chassis beams to the extent possible. It shall be connected to the vehicle chassis with bolts using proper connection brackets as recommended by the chassis vehicle manufacturer, front connections shall be flexible.		
	2.3.2.	**Hydraulic outriggers:** There shall be two hydraulically extendable and retractable outriggers on both sides of the rear end of the dumper's lower chassis. Outriggers shall be used while unloading the dumper and the dumper shall in no way be elevated without the outriggers touching the ground.		
	2.3.3.	**Dumper rotation axis:** Connection lugs shall be formed by raising the lower chassis on rear sides to rotate on the dumper's rear upper sides. There shall be lubricable bronze bearings at rotation points placed as shrink fit inside the liner bushings made of DIN 2448 quality steel material.		
	2.3.4.	**Dumper body:** It shall be made of 3 mm sheet metal in the shape of a whole pool. The dumper body shall be made with profile or pressed sheet metal reinforcements and the rear sheet metal shall be slanted.		
	2.3.5.	**Shield sheet metal:** It shall be made as the extension of the dumper body's front wall sheet metal, as shaped in the presser and with adequate reinforcements.		
	2.3.6.	**Material quality:** All profiles and sheet metals to be used in dumper manufacturing shall be at least St 37 quality.		
	2.3.7.	**Dumper dimensions:** Depending on the useful chassis size of the chassis vehicle to be offered; it shall provide a minimum of 3 m^3 internal volume without exceeding the measurements laid down in the relevant legislation and regulation.		
2.4.	**Dumper Elevation System and Hydraulic Installation**			
	2.4.1.	There shall be a container loading system on the back of the dumper body and the arms of the container loading system shall be foldable and be able to empty at least two different sizes of waste containers to be specified by the requiring municipality into the dumper body. During unloading, the container shall be able to be rotated 135° with regard to its first position.		
	2.4.2.	Before the elevation of the dumper, hydraulic outriggers shall definitely touch the ground. The dumper body shall		

		not be elevated without the outriggers touching the ground and the hydraulic outriggers shall not be retracted before the dumper descends.		
	2.4.3.	The dumper shall be elevated by two hydraulic cylinders. Cylinder bodies shall be embedded in the lower chassis connection logs and their shafts shall provide thrust through the lugs located on the rear sheet metal lower sides of the dumper body and elevate the dumper body.		
	2.4.4.	The dumper body shall be able to be elevated at least 80 degrees compared to its initial position, there shall be 40±2 degree slope between the rear sheet metal of the dumper body and the horizontal ground when the dumper is elevated to the maximum. There shall be a safety constraint system to prevent any exceeding of the maximum elevation.		
	2.4.5.	The required hydraulic power shall be generated through a hydraulic pump to be driven by the PTO connected to the vehicle's gearbox if applicable. The adjusted engine revolution level shall be within the engine's torque revolution range and shall automatically reach the adjusted revolution when PTO is engaged. Where it is not possible to acquire power from the gearbox with PTO, an electrical hydraulic power unit running on the vehicle's electricity (Power Pack) shall be used. This electrical power unit to be used shall be long-lasting with at least 1,5 kW power and at least 2 cm^3/revolution flow rate. Hydraulic system to be used shall be able to complete the elevation in a maximum of 2 minutes.		
	2.4.6.	Hydraulic system pressure shall be a maximum of 200 bars; all equipment pieces operating under pressure shall be able to endure at least 3 times of the pressure they bear.		
	2.4.7.	There shall be no backlash in the hydraulic cylinder; unless the descension position is selected, the dumper shall remain at the same angle even when the hydraulic pump is deactivated.		
	2.4.8.	In the hydraulic cylinders to be used; there shall be a hydraulic locking valve to prevent hose bursts. Flow control valves shall be placed in suitable places within the system to prevent rapid descension of the system.		
	2.4.9.	Hydraulic cylinder bodies shall be made of seamless cold rolled St 52 BK quality pipe to DIN 2391C standards; its internal surfaces shall be honed and polished, internal surface roughness shall be 0.4 microns and the inside diameter tolerance shall be to ISO H8 standard.		
	2.4.10.	All pipes used in the hydraulic installation shall be seamless cold rolled St 35.4 quality, normalized and bonderized to DIN 2391C standard with its phosphate coat in its interior and exterior. EO type imported compaction fittings shall be used at pipe joints.		
	2.4.11.	Hydraulic hoses shall be able to operate within -40/+120°C temperature range and shall be resistant to hydraulic oil and external factors. Pressure hoses shall be made of Nitrile Rubber according to SAE 100R2 standard with double layer spiral steel wire reinforcement and suction hoses shall be made according to SAE 100R4 Standard with spiral steel wire reinforcement. A screening		

		protection (spiral wrap, etc.) shall be applied to the exterior of hydraulic hoses in order to protect them against external factors and sudden hose bursts.		
	2.4.12.	The hydraulic tank volume shall be at least double the total hydraulics circulating inside the system when outriggers and dumper elevation cylinders are fully open, including the fluid inside the hydraulic installation and equipment. On the tank, there shall be an oil level gauge with thermometer, a ventilated tank lid, a suction filter of 125 µ and a return filter of 25 µ and a discharge plug under the tank.		
	2.4.13.	There shall be grease nipples at all joints in the system.		
2.5.	**Additional Electrical Installation - Controls and Safety**			
	2.5.1.	For the superstructure electrical installation, a separate electrical installation shall be constructed which shall comply with EN 60204-1 standards, flexible cables with TSEK certification shall be used; cables shall be passed through the tubes and the complete electrical installation shall be done with the appropriate mounting brackets and without touching the metal surfaces, there shall be fuses and relay boxes for the additional electrical equipment and they shall comply with EN 60529 IP 65 protection class.		
	2.5.2.	Except for the PTO; all controls concerning the dumper and the container loading system shall be done via an electrical control box located at the front left of the dumper body. Also, there shall be a wired or wireless remote control unit and the container loading controls shall be doable from the back of the vehicle. In the elevation position; first the outriggers shall touch the ground and then the dumper shall be elevated via a single button. In the descension position; first the dumper body shall descend and then the hydraulic outriggers shall be retracted via a single button. The audible warning system shall be active as long as the hydraulic system for the dumper elevation is active.		
	2.5.3.	There shall be a safety locking mechanism for maintenance works done while the dumper is elevated.		
2.6.	**Accessories**			
	2.6.1.	There shall be metal or plastic mudguards for rear axle tires and mud flaps shall be used on the back of the mudguards.		
	2.6.2.	There shall be a ladder mounted on the dumper body, preferably on the front right side.		
	2.6.3.	There shall be canvas rope hooks on the side and rear lids of the dumper body.		
	2.6.4.	There shall be a spare tire safeguard system in the proper part of the chassis or the body.		
	2.6.5.	There shall be a lockable tool box in a proper place on the right or left side of the chassis.		
	2.6.6.	Inside the box, there shall be tools required for operator level maintenance. (Pliers, screwdriver, set of open and box wrenches, grease gun etc.)		
2.7.	**Painting-Inscriptions and Emblems**			
	2.7.1.	All equipment used for the superstructure which are not rustproof shall be sanded before painting after cleaning any welding spatters and cinders. Then, all components of the		

		superstructure except for the interiors of the body shall be cleaned using required chemicals and after the surface levelling is done by paste, all surfaces shall be painted with at least 40 µ primer. As the last coat; exterior surfaces shall be painted in the colours to be specified by requiring municipalities and the auxiliary chassis and mudguards, if made of metal, shall be painted in the same colour as the chassis. Interior surfaces of the dumper body shall not be painted.		
	2.7.2.	Lubrication scheme, user manual, manufacturing year, type and serial numbers of the product and CE stickers shall be placed on the exterior surfaces of the dumper body.		
	2.7.3.	At both sides of the superstructure and at its back, there shall be reflective strips and markings, in accordance with TSE ECE R-104 (2002) requirements.		
	2.7.4.	Mandatory markings, warnings and function tagging shall be of an easily visible size and colour, and shall be permanent not to be erased or dropped.		
	2.7.5.	There shall be inscriptions and emblems requested by the requiring entity on the driver's cabin and the side surfaces.		
	2.7.6.	Also on the driver's cabin and the superstructure, there shall be inscriptions and emblems specified by UNDP, its material properties, place and size shall be specified during the checks.		
2.8.	**Possible Modifications**			
	2.8.1.	For the installation of the superstructure; an open load body shall be acquired.		
	2.8.2.	There shall be absolutely no intervention on the vehicle chassis except for the shortening of the rear overhang and the auxiliary chassis.		
	2.8.3.	For miscellaneous equipment and installation connections; where necessary, locations of fuel and urea tanks may be changed but such changes may only be undertaken upon permission from the chassis vehicle manufacturer or general distributor in Turkey and at authorised services.		
2.9.	**Toolkits and Equipment to be Provided Along**			
	2.9.1.	Together with the vehicles; company standard toolkits and the following toolkits and equipment compliant with the Regulation on Road Traffic shall be provided. • 1 unit of Fire Extinguisher (Total filling capacity of 6 kg, KKT ABC Type.) • 1 unit of Hydraulic Jack and Jack Lever (Suitable for the vehicle tonnage.) • 1 unit of Hexagon Wrench and Handle • 1 set of Spare Light bulbs (For the external lighting) • 1 unit of Insulated Pliers • 1 unit of Screwdriver (Flat tip-Philips head) • 1 unit of Portable Lamp or Flashlight • 1 pair of Skid Chains • 1 unit of Towing Steel Bridle (Suitable for the vehicle capacity) • 2 units of Reflectors (Compliant with ECE R 27 Regulation)		

		• 1 unit of Complete Spare Tire (at the size used in the vehicle, with tire rim and rubber) • 1 unit of Wheel Chock (Suitable for the vehicle capacity) - 1 unit of First Aid Kit specified in relevant Turkish legislation and regulations.		
Other Related Requirements				
Scope of Training on Operation and Maintenance				
Local Service Support (Provide Authorized service providers list)				
Manufacturer warranty				

LOT 3	**Objects and Urgent Waste Collection Vehicle**			
Offered make/brand name and model				
Requested Technical Specifications			**Your Offer (Please fill out with the specifications of the make/model you propose. Do not copy the technical specification)**	**Remarks, if any**
3.1.	**General**			
	3.1.1.	Objects and Urgent Waste Collection Vehicles are 4x2-drive, open sheet metal body pick-up trucks which will have a maximum 3500 kg of weight carrying capacity to be purchased by **UNDP (United Nations Development Programme)** to meet the needs of Kilis and Haliliye(Şanlıurfa) Municipalities. These vehicles shall be used within the operation zone to collect the type of waste which cannot be collected by other waste collection vehicles and excess household objects and clothes and transfer them to a certain centre.		
3.2.	**Technical Specifications and Equipment**			
	3.2.1.	These vehicles shall be made of steel sheet with combined driver and engine compartments and a forward-nosed type. The engine compartment shall be located in the front and the chamber shall be accessible through the engine hood.		
	3.2.2.	The driver's cabin shall have 1+2 seats, 2 doors and a standard single-line seating. Doors shall have central locking and door windows shall be electrically controlled. The steering wheel shall be on the left and have tilt and height adjuster and hydraulic auxiliary power. Outside rear-view mirrors shall be electrically controlled and heated. There shall be sun visors, windshield wipers with a minimum of 2 speed levels and window washing system, heater, air-conditioner and radio-CD or Radio-MP3 player.		
	3.2.3.	All seats shall have headrests and automatic retreating seat belts. Driver's seat shall have at minimum have adjusters for		

		forward-backward tilting and back-lean angle and height setting.		
	3.2.4.	<u>Engine:</u> - 4-cycle, 4-cylinder, water-cooled, with a turbo-intercooler feature, diesel, - Total engine size (capacity/volume): Minimum of 1900 cc and maximum of 3000 cc, - The maximum power: Minimum 145 PS at 4000 rpm at most, - The maximum torque: Minimumt 340 Nm, this level shall be reached in 2000 rpm at most, - The exhaust emissions shall meet the Euro-6 emission standards, - The cooling equipment shall have at least a -25°C antifreeze mixture,		
	3.2.5.	The gearbox shall have at least 6 forward and 1 reverse speed levels.		
	3.2.6.	The brake system shall be disked or drummed, with ABS support, vacuum supplemented double circuit hydraulic,. The parking brake shall be mechanically operated and effective on the rear axle..		
	3.2.7.	The suspension shall have leaf springs with front and rear stabilizing bars and a shock absorber.		
	3.2.8.	The electrical system shall be 12 volts, with at least 12Vx80 Amps-hour.		
	3.2.9.	It shall have external front and rear lighting compliant with the Regulation on Road Traffic. (Parking and signal lamps, high and low beams in the front; parking, brake, signal, fog and license plate lamps in the rear etc.).		
	3.2.10.	The tire size and properties shall be as specified in the brochure. The vehicle shall have a minimum of 4 tires and a full spare tire with the same properties and tire rim shall be provided. Rear axle may be 2 or 4 wheeled.		
	3.2.11.	The fuel tank: Minimum 70-litre capacity The urea tank, if any: Minimum 15-later capacity.		
	3.2.12.	The vehicles shall have 3500 kg of weight at maximum load. The front axle capacity: Minimum 1600 kg The rear axle capacity: Minimum1800 kg, The empty weight of the vehicle: Maximum 1200 kg Carrying capacity: Minimum 1100 kg.		
	3.2.13.	Maximum length of vehicle: 6750 mm, Maximum width of the vehicle (excluding the mirrors): 2100 mm, Maximum height of the vehicle: 2350 mm, The wheel base: between 3600 mm and 4000 mm.		
	3.2.14.	The vehicles shall have open load bodies made of steel sheet or aluminium at the level of the vehicle manufacturer or distributor in Turkey. The vehicle shall be specified in the Type Approval Certificate provided with the vehicle for traffic registration as open-body and a separate body modification certificate shall not be accepted.		
	3.2.15.	The right, left and rear lids of the body shall be bottom hinged		

		and openable from the bottom. Measurements of the body shall be; as measured side-to-side on the inside, a minimum of 3400 mm length and a minimum of 1900 mm width and a minimum of 400 mm lid height.		
	3.2.16.	The vehicles shall be brand new and the model year of the vehicle subject to the offer shall be the newest on sale in Turkey; and this shall be documented..		
3.3.	**Painting-Inscriptions and Emblems**			
	3.3.1.	The vehicle shall be painted white as the company standard on which there shall be cladding, inscriptions and emblems requested by the municipalities and UNDP. The material properties, place and size of the inscriptions and emblems shall be specified during the manufacturing period.		
3.4.	**Toolkits and Equipment to be Provided at Delivery**			
	3.4.1.	**The Contractor** shall provide company's standard toolkits and the following toolkits & equipment compliant with the Regulation on Road Traffic. • 1 unit of Fire Extinguisher (Total filling capacity of 6 kg, KKT ABC Type.) • 1 unit of Hydraulic Jack and Jack Lever (Suitable for the vehicle tonnage.) • 1 unit of Hexagon Wrench and Handle • 1 set of Spare Light bulbs (For the external lighting) • 1 unit of Insulated Pliers • 1 unit of Screwdriver (Flat tip-Philips head) • 1 unit of Portable Lamp or Flashlight • 1 pair of Skid Chains • 1 unit of Towing Steel Bridle (Suitable for the vehicle capacity) • 2 units of Reflectors (Compliant with ECE R 27 Regulation) • 1 unit of Complete Spare Tire (at the size used in the vehicle, with tire rim and rubber) • 1 unit of Wheel Chock (Suitable for the vehicle capacity) • 1 unit of First Aid Kit specified in relevant Turkish legislation and regulations.		
Other Related Requirements				
Scope of Training on Operation and Maintenance				
Local Service Support (Provide Authorized service providers list)				
Manufacturer warranty				

FORM F: Price Schedule Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

The Bidder is required to prepare the Price Schedule following the below format. The unit price must be all inclusive, including cost of supply of good and all related services required by the technical specifications. The price shall not include value added tax (VAT) since UN and its subsidiary organs are exempt from all taxes except the special consumption tax.

Currency of the Bid: United States Dollar

Price Schedule For Lot 1

Item #	Description	UOM	Quantity	Unit Price (USD)	Total Price (USD)
1	Hydraulic Compaction Waste Collection Vehicle (Rear-End Loading with 13+1.5 m3 Capacity)	Piece	3		
				Special Consumption Tax, if applicable	
				GRAND TOTAL	

Currency of the Bid: United States Dollar

Price Schedule For Lot 2

Item #	Description	UOM	Quantity	Unit Price (USD)	Total Price (USD)
1	Waste Taxi (With Mini Dumper) Vehicle	Piece	6		
				Special Consumption Tax, if applicable	
				GRAND TOTAL	

Currency of the Bid: United States Dollar

Price Schedule For Lot 3

Item #	Description	UOM	Quantity	Unit Price (USD)	Total Price (USD)
1	Objects and Urgent Waste Collection Vehicle	Piece	2		
				Special Consumption Tax, if applicable	
				GRAND TOTAL	

Name of Bidder: _____

Authorised signature: _____

Name of authorised signatory: _____

Functional Title: _____

FORM G: Form of Bid Security

Bid Security must be issued using the official letterhead of the Issuing Bank.
Except for indicated fields, no changes may be made on this template.

To: UNDP
[Insert contact information as provided in Data Sheet]

WHEREAS [Name and address of Bidder] (hereinafter called "the Bidder") has submitted a Bid to UNDP dated Click here to enter a date. to execute goods and/or services [Insert Title of Goods and/or Services, indicate the lot number] (hereinafter called "the Bid"):

AND WHEREAS it has been stipulated by you that the Bidder shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security if the Bidder:

a) Fails to sign the Contract after UNDP has awarded it;
b) Withdraws its Bid after the date of the opening of the Bids;
c) Fails to comply with UNDP's variation of requirement, as per ITB instructions; or
d) Fails to furnish Performance Security, insurances, or other documents that UNDP may require as a condition to rendering the contract effective.

AND WHEREAS we have agreed to give the Bidder such Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Bidder, up to a total of [*amount of guarantee*] [*in words and numbers*], such sum being payable in the types and proportions of currencies in which the Price Bid is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of *[amount of guarantee as aforesaid*] without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

This guarantee shall be valid up to 30 days after the final date of validity of bids.

SIGNATURE AND SEAL OF THE GUARANTOR BANK

Signature: _____

Name: _____

Title: _____

Date: _____

Name of Bank _____

Address _____

[Stamp with official stamp of the Bank]