

REQUEST FOR PROPOSALS

**Supervision of Civil Works for Construction of 5 Livestock Markets
within the scope of the Ardahan Kars Artvin Development Project
(AKADP)**

**The Ardahan Kars Artvin Development Project (AKADP)
TURKEY**

UNDP-TUR-RFP-PROJ(AKADP)-2016/10



**United Nations Development Programme
October, 2016**

Section 1. Letter of Invitation

Ankara
October 11, 2016

Supervision of Civil Works for Construction of Livestock Markets within the scope of The Ardahan
Kars Artvin Development Project (AKADP)

Dear Mr./Ms.:

The United Nations Development Programme (UNDP) hereby invites you to submit a Proposal to this Request for Proposal (RFP) for the above-referenced subject.

This RFP includes the following documents:

- Section 1 – This Letter of Invitation
- Section 2 – Instructions to Proposers (including Data Sheet)
- Section 3 – Terms of Reference
- Section 4 – Proposal Submission Form
- Section 5 – Documents Establishing the Eligibility and Qualifications of the Proposer
- Section 6 – Technical Proposal Form
- Section 7 – Financial Proposal Form
- Section 8 – Form for Proposal Security
- Section 9 – Form for Performance Security (For information purposes only, will be requested from the successful contractor at the time of contract)
- Section 10 – Contract for Professional Services, including General Terms and Conditions
- Section 11 – General Conditions of Contract for Civil Works (GCCW) (**For information purposes only**)
- Section 12 – Bill of Quantities (BoQ) of Works Contract (**For information purposes only**)

Your offer, comprising of a Technical and Financial Proposal, **in separate sealed envelopes**, should be submitted in accordance with Section 2.

You are kindly requested to submit an acknowledgment letter to UNDP to the following address:

United Nations Development Programme
Birlik Mah. Katar Cad. No: 11, Cankaya, Ankara, Turkey
Attention: Naz Özgüç

The letter should be received by UNDP no later than 18.10.2016, 17:30. The same letter should advise whether your company intends to submit a Proposal. If that is not the case, UNDP would appreciate your indicating the reason, for our records.

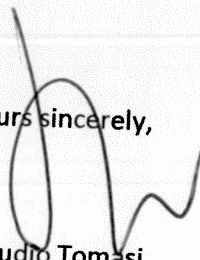
If you have received this RFP through a direct invitation by UNDP, transferring this invitation to another firm requires your written notification to UNDP of such transfer and the name of the company to whom the invitation was forwarded.

Should you require further clarifications, kindly communicate with the contact person identified

in the attached Data Sheet as the focal point for queries on this RFP.

UNDP looks forward to receiving your Proposal and thanks you in advance for your interest in UNDP procurement opportunities.

Yours sincerely,



Claudio Tomasi
Country Director
UNDP TURKEY

Section 2: Instruction to Proposers¹

Definitions

- a) “*Contract*” refers to the agreement that will be signed by and between the UNDP and the successful proposer, all the attached documents thereto, including the General Terms and Conditions (GTC) and the Appendices.
- b) “*Country*” refers to the country indicated in the Data Sheet.
- c) “*Data Sheet*” refers to such part of the Instructions to Proposers used to reflect conditions of the tendering process that are specific for the requirements of the RFP.
- d) “*Day*” refers to calendar day.
- e) “*Government*” refers to the Government of the country that will be receiving the services provided/rendered specified under the Contract.
- f) “*Instructions to Proposers*” (Section 2 of the RFP) refers to the complete set of documents that provides Proposers with all information needed and procedures to be followed in the course of preparing their Proposals
- g) “*LOI*” (Section 1 of the RFP) refers to the Letter of Invitation sent by UNDP to Proposers.
- h) “*Material Deviation*” refers to any contents or characteristics of the proposal that is significantly different from an essential aspect or requirement of the RFP, and : (i) substantially alters the scope and quality of the requirements; (ii) limits the rights of UNDP and/or the obligations of the offeror; and (iii) adversely impacts the fairness and principles of the procurement process, such as those that compromise the competitive position of other offerors.
- i) “*Proposal*” refers to the Proposer’s response to the Request for Proposal, including the Proposal Submission Form, Technical and Financial Proposal and all other documentation attached thereto as required by the RFP.
- j) “*Proposer*” refers to any legal entity that may submit, or has submitted, a Proposal for the provision of services requested by UNDP through this RFP.
- k) “*RFP*” refers to the Request for Proposals consisting of instructions and references prepared by UNDP for purposes of selecting the best service provider to perform the services described in the Terms of Reference.
- l) “*Services*” refers to the entire scope of tasks and deliverables requested by UNDP under the RFP.
- m) “*Supplemental Information to the RFP*” refers to a written communication issued by UNDP to

¹ Note: this Section 2 - Instructions to Proposers shall not be modified in any way. Any necessary changes to address specific country and project information, shall be introduced only through the Data Sheet.

prospective Proposers containing clarifications, responses to queries received from prospective Proposers, or changes to be made in the RFP, at any time after the release of the RFP but before the deadline for the submission of Proposals.

- n) “*Terms of Reference*” (TOR) refers to the document included in this RFP as Section 3 which describes the objectives, scope of services, activities, tasks to be performed, respective responsibilities of the proposer, expected results and deliverables and other data pertinent to the performance of the range of duties and services expected of the successful proposer.

A. GENERAL

1. UNDP hereby solicits Proposals in response to this Request for Proposal (RFP). Proposers must strictly adhere to all the requirements of this RFP. No changes, substitutions or other alterations to the rules and provisions stipulated in this RFP may be made or assumed unless it is instructed or approved in writing by UNDP in the form of Supplemental Information to the RFP.
2. Submission of a Proposal shall be deemed as an acknowledgement by the Proposer that all obligations stipulated by this RFP will be met and, unless specified otherwise, the Proposer has read, understood and agreed to all the instructions in this RFP.
3. Any Proposal submitted will be regarded as an offer by the Proposer and does not constitute or imply the acceptance of any Proposal by UNDP. UNDP is under no obligation to award a contract to any Proposer as a result of this RFP.
4. UNDP implements a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical practices, and obstruction. UNDP is committed to preventing, identifying and addressing all acts of fraud and corrupt practices against UNDP as well as third parties involved in UNDP activities. (See http://www.undp.org/content/dam/undp/library/corporate/Transparency/UNDP_Anti_Fraud_Policy_English_FINAL_june_2011.pdf and <http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/> for full description of the policies)
5. In responding to this RFP, UNDP requires all Proposers to conduct themselves in a professional, objective and impartial manner, and they must at all times hold UNDP's interests paramount. Proposers must strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. All Proposers found to have a conflict of interest shall be disqualified. Without limitation on the generality of the above, Proposers, 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:
 - 5.1 Are or have been associated in the past, with a firm or any of its affiliates which have been engaged 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;
 - 5.2 Were involved in the preparation and/or design of the programme/project related to the services requested under this RFP; or
 - 5.3 Are found to be in conflict for any other reason, as may be established by, or at the discretion of, UNDP.

In the event of any uncertainty in the interpretation of what is potentially a conflict of interest, proposers must disclose the condition to UNDP and seek UNDP's confirmation on whether or not such conflict exists.

6. Similarly, the Proposers must disclose in their proposal their knowledge of the following :
 - 6.1 That they are owners, part-owners, officers, directors, controlling shareholders, or they have key personnel who are family of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving services under this RFP; and
 - 6.2 All other circumstances that could potentially lead to actual or perceived conflict of interest, collusion or unfair competition practices.

Failure of such disclosure may result in the rejection of the proposal or proposals affected by the non-disclosure.

7. The eligibility of Proposers 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 as an independent entity, the extent of Government ownership/share, receipt of subsidies, mandate, access to information in relation to this RFP, and others that may lead to undue advantage against other Proposers, and the eventual rejection of the Proposal.
8. All Proposers must adhere to the UNDP Supplier Code of Conduct, which may be found at this link: http://www.un.org/depts/ptd/pdf/conduct_english.pdf

B. CONTENTS OF PROPOSAL

9. Sections of Proposal

Proposers are required to complete, sign and submit the following documents:

- 9.1 Proposal Submission Cover Letter Form (see RFP Section 4);
- 9.2 Documents Establishing the Eligibility and Qualifications of the Proposer (see RFP Section 5);
- 9.3 Technical Proposal (see prescribed form in RFP Section 6);
- 9.4 Financial Proposal (see prescribed form in RFP Section 7);
- 9.5 Proposal Security, if applicable (if required and as stated in the **Data Sheet** (DS nos. 9-11), see prescribed Form in RFP Section 8);
- 9.6 Any attachments and/or appendices to the Proposal.

10. Clarification of Proposal

- 10.1 Proposers may request clarifications of any of the RFP documents no later than the date indicated in the **Data Sheet** (DS no. 16) prior to the proposal submission date. Any request for clarification must be sent in writing via courier or through electronic means to the UNDP address indicated in the **Data Sheet** (DS no. 17). UNDP will respond in writing, transmitted by electronic means and will transmit copies of the response (including an explanation of the query but without identifying the source of inquiry) to all Proposers who have provided confirmation of their intention to submit a

Proposal.

- 10.2 UNDP shall endeavor to provide such 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 Proposals, unless UNDP deems that such an extension is justified and necessary.

11. Amendment of Proposals

- 11.1 At any time prior to the deadline of Proposal submission, UNDP may for any reason, such as in response to a clarification requested by a Proposer, modify the RFP in the form of a Supplemental Information to the RFP. All prospective Proposers will be notified in writing of all changes/amendments and additional instructions through Supplemental Information to the RFP and through the method specified in the **Data Sheet** (DS No. 18).
- 11.2 In order to afford prospective Proposers reasonable time to consider the amendments in preparing their Proposals, UNDP may, at its discretion, extend the deadline for submission of Proposals, if the nature of the amendment to the RFP justifies such an extension.

C. PREPARATION OF PROPOSALS

12. Cost

The Proposer shall bear any and all costs related to the preparation and/or submission of the Proposal, regardless of whether its Proposal was selected or not. UNDP shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.

13. Language

The Proposal, as well as any and all related correspondence exchanged by the Proposer and UNDP, shall be written in the language (s) specified in the **Data Sheet** (DS No 4). Any printed literature furnished by the Proposer written in a language other than the language indicated in the **Data Sheet**, must be accompanied by a translation in the preferred language indicated in the **Data Sheet**. For purposes of interpretation of the Proposal, and in the event of discrepancy or inconsistency in meaning, the version translated into the preferred language shall govern. Upon conclusion of a contract, the language of the contract shall govern the relationship between the contractor and UNDP.

14. Proposal Submission Form

The Proposer shall submit the Proposal Submission Form using the form provided in Section 4 of this RFP.

15. Technical Proposal Format and Content

Unless otherwise stated in the **Data Sheet** (DS no. 28), the Proposer shall structure the Technical Proposal as follows:

- 15.1 Expertise of Firm/Organization – this section should provide details regarding management structure of the organization, organizational capability/resources, and experience of organization/firm, the list of projects/contracts (both completed and on-going, both domestic and international) which are related or similar in nature to the requirements of the RFP, and proof of financial stability and adequacy of resources to complete the services required by the RFP (see RFP clause 18 and DS No. 26 for further details). The same shall apply to any other entity participating in the RFP as a Joint Venture or Consortium.
- 15.2 Proposed Methodology, Approach and Implementation Plan – this section should demonstrate the Proposer's response to the Terms of Reference by identifying the specific components proposed, how the requirements shall be addressed, as specified, point by point; providing a detailed description of the essential performance characteristics proposed; identifying the works/portions of the work that will be subcontracted; and demonstrating how the proposed methodology meets or exceeds the specifications, while ensuring appropriateness of the approach to the local conditions and the rest of the project operating environment. This methodology must be laid out in an implementation timetable that is within the duration of the contract as specified in the **Data Sheet** (DS nos. 29 and 30).

Proposers must be fully aware that the products or services that UNDP requires may be transferred, immediately or eventually, by UNDP to the Government partners, or to an entity nominated by the latter, in accordance with UNDP's policies and procedures. All proposers are therefore required to submit the following in their proposals:

- a) A statement of whether any import or export licences are required in respect of the goods to be purchased or services to be rendered, including any restrictions in the country of origin, use or dual use nature of the goods or services, including any disposition to end users; and
 - b) Confirmation that the Proposer has obtained license of this nature in the past, and have an expectation of obtaining all the necessary licenses, should their Proposal be rendered the most responsive.
- 15.3 Management Structure and Key Personnel – This section should include the comprehensive curriculum vitae (CVs) of key personnel that will be assigned to support the implementation of the proposed methodology, clearly defining the roles and responsibilities vis-à-vis the proposed methodology. CVs should establish competence and demonstrate qualifications in areas relevant to the TOR.

In complying with this section, the Proposer assures and confirms to UNDP that the personnel being nominated are available for the Contract on the dates proposed. If any of the key personnel later becomes unavailable, except for unavoidable reasons such as death or medical incapacity, among other possibilities, UNDP reserves the right to consider the proposal non-responsive. Any deliberate substitution arising from unavoidable reasons, including delay in the implementation of the project of programme through no fault of the Proposer shall be made only with UNDP's acceptance of the justification for substitution, and UNDP's approval of the qualification of the replacement who shall be either of equal or superior credentials as the one being replaced.

15.4 Where the **Data Sheet** requires the submission of the Proposal Security, the Proposal Security shall be included along with the Technical Proposal. The Proposal Security may be forfeited by UNDP, and reject the Proposal, in the event of any or any combination of the following conditions:

- a) If the Proposer withdraws its offer during the period of the Proposal Validity specified in the **Data Sheet** (DS no. 11), or;
- b) If the Proposal Security amount is found to be less than what is required by UNDP as indicated in the **Data Sheet** (DS no. 9), or;
- c) In the case the successful Proposer fails:
 - i. to sign the Contract after UNDP has awarded it;
 - ii. to comply with UNDP's variation of requirement, as per RFP clause 35; or
 - iii. to furnish Performance Security, insurances, or other documents that UNDP may require as a condition to rendering the effectivity of the contract that may be awarded to the Proposer.

16. Financial Proposals

The Financial Proposal shall be prepared using the attached standard form (Section 7). It shall list all major cost components associated with the services, and the detailed breakdown of such costs. All outputs and activities described in the Technical Proposal must be priced separately on a one-to-one correspondence. Any output and activities described in the Technical Proposal but not priced in the Financial Proposal, shall be assumed to be included in the prices of other activities or items, as well as in the final total price.

17. Currencies

All prices shall be quoted in the currency indicated in the **Data Sheet** (DS no. 15). However, where Proposals are quoted in different currencies, for the purposes of comparison of all Proposals:

- a) UNDP will convert the currency quoted in the Proposal into the UNDP preferred currency, in accordance with the prevailing UN operational rate of exchange on the last day of submission of Proposals; and
- b) In the event that the proposal found to be the most responsive to the RFP requirement is quoted in another currency different from the preferred currency as per **Data Sheet** (DS no. 15), then UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.

Proposals submitted by two (2) or more Proposers 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 RFP; 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 Proposal of, another Proposer regarding this RFP process;

- e) they are subcontractors to each other's Proposal, or a subcontractor to one Proposal also submits another Proposal under its name as lead Proposer; or
- f) an expert proposed to be in the team of one Proposer participates in more than one Proposal received for this RFP process. This condition does not apply to subcontractors being included in more than one Proposal.

18. Documents Establishing the Eligibility and Qualifications of the Proposer

The Proposer shall furnish documentary evidence of its status as an eligible and qualified vendor, using the forms provided under Section 5, Proposer Information Forms. In order to award a contract to a Proposer, its qualifications must be documented to UNDP's satisfaction. These include, but are not limited to, the following:

- a) That, in the case of a Proposer offering to supply goods under the Contract which the Proposer did not manufacture or otherwise produce, the Proposer has been duly authorized by the goods' manufacturer or producer to supply the goods in the country of final destination;
- b) That the Proposer has the financial, technical, and production capability necessary to perform the Contract; and
- c) That, to the best of the Proposer's knowledge, it is not included in the UN 1267/1989 List or the UN Ineligibility List, nor in any and all of UNDP's list of suspended and removed vendors.

19. Joint Venture, Consortium or Association

If the Proposer is a group of legal entities that will form or have formed a joint venture, consortium or association at the time of the submission of the Proposal, they shall confirm in their Proposal that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the joint venture jointly and severally, and this shall be duly evidenced by a duly notarized Agreement among the legal entities, which shall be submitted along with the Proposal; 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.

After the Proposal has been submitted to UNDP, the lead entity identified to represent the joint venture shall not be altered without the prior written consent of UNDP. Furthermore, neither the lead entity nor the member entities of the joint venture can:

- a) Submit another proposal, either in its own capacity; nor
- b) As a lead entity or a member entity for another joint venture submitting another Proposal.

The description of the organization of the joint venture/consortium/association must clearly define the expected role of each of the entity in the joint venture in delivering the requirements of the RFP, both in the Proposal and the Joint Venture Agreement. All entities that comprise the joint venture shall be subject to the eligibility and qualification assessment by UNDP.

Where a joint venture is presenting its track record and experience in a similar undertaking as those required in the RFP, it should present such information in the following manner:

- a) Those that were undertaken together by the joint venture; and
- b) Those that were undertaken by the individual entities of the joint venture expected to be involved in the performance of the services defined in the RFP.

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 joint venture or those of its members, but should only be claimed by the individual experts themselves in their presentation of their individual credentials.

If a joint venture's Proposal is determined by UNDP as the most responsive Proposal that offers the best value for money, UNDP shall award the contract to the joint venture, in the name of its designated lead entity. The lead entity shall sign the contract for and on behalf of all other member entities.

20. Alternative Proposals

Unless otherwise specified in the **Data Sheet** (DS nos. 5 and 6), alternative proposals shall not be considered. 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 proposal.

21. Validity Period

Proposals shall remain valid for the period specified in the **Data Sheet** (DS no. 8), commencing on the submission deadline date also indicated in the **Data Sheet** (DS no. 21). A Proposal valid for a shorter period shall be immediately rejected by UNDP and rendered non-responsive.

In exceptional circumstances, prior to the expiration of the proposal validity period, UNDP may request Proposers to extend the period of validity of their Proposals. The request and the responses shall be made in writing, and shall be considered integral to the Proposal.

22. Proposer's Conference

When appropriate, a proposer's conference will be conducted at the date, time and location specified in the **Data Sheet** (DS no. 7). All Proposers are encouraged to attend. Non-attendance, however, shall not result in disqualification of an interested Proposer. Minutes of the proposer's conference will be either posted on the UNDP website, or disseminated to the individual firms who have registered or expressed interest with the contract, whether or not they attended the conference. No verbal statement made during the conference shall modify the terms and conditions of the RFP unless such statement is specifically written in the Minutes of the Conference, or issued/posted as an amendment in the form of a Supplemental Information to the RFP.

D. SUBMISSION AND OPENING OF PROPOSALS

23. Submission

23.1 The Financial Proposal and the Technical Proposal Envelopes MUST BE COMPLETELY

SEPARATE and each of them must be submitted sealed individually and clearly marked on the outside as either “TECHNICAL PROPOSAL” or “FINANCIAL PROPOSAL”, as appropriate. Each envelope MUST clearly indicate the name of the Proposer. The outer envelopes shall bear the address of UNDP as specified in the **Data Sheet** (DS no.20) and shall include the Proposer’s name and address, as well as a warning that state “*not to be opened before the time and date for proposal opening*” as specified in the **Data Sheet** (DS no. 24). The Proposer shall assume the responsibility for the misplacement or premature opening of Proposals due to improper sealing and labeling by the Proposer.

23.2 Proposers must submit their Proposals in the manner specified in the **Data Sheet** (DS nos. 22 and 23). When the Proposals are expected to be in transit for more than 24 hours, the Proposer must ensure that sufficient lead time has been provided in order to comply with UNDP’s deadline for submission. UNDP shall indicate for its record that the official date and time of receiving the Proposal is the actual date and time when the said Proposal has physically arrived at the UNDP premises indicated in the **Data Sheet** (DS no. 20).

23.3 Proposers submitting Proposals by mail or by hand shall enclose the original and each copy of the Proposal, in separate sealed envelopes, duly marking each of the envelopes as “Original Proposal” and “Copy of Proposal” as appropriate. The 2 envelopes shall then be sealed in an outer envelope. The number of copies required shall be as specified in the **Data Sheet** (DS No. 19). In the event of any discrepancy between the contents of the “Original Proposal” and the “Copy of Proposal”, the contents of the original shall govern. The original version of the Proposal shall be signed or initialed by the Proposer or person(s) duly authorized to commit the Proposer on every page. The authorization shall be communicated through a document evidencing such authorization issued by the highest official of the firm, or a Power of Attorney, accompanying the Proposal.

23.4 Proposers must be aware that the mere act of submission of a Proposal, in and of itself, implies that the Proposer accepts the General Contract Terms and Conditions of UNDP as attached hereto as Section 11.

24. Deadline for Submission of Proposals and Late Proposals

Proposals must be received by UNDP at the address and no later than the date and time specified in the **Data Sheet** (DS nos. 20 and 21).

UNDP shall not consider any Proposal that arrives after the deadline for submission of Proposals. Any Proposal received by UNDP after the deadline for submission of Proposals shall be declared late, rejected, and returned unopened to the Proposer.

25. Withdrawal, Substitution, and Modification of Proposals

25.1 Proposers are expected to have sole responsibility for taking steps to carefully examine in detail the full consistency of its Proposals to the requirements of the RFP, keeping in mind that material deficiencies in providing information requested by UNDP, or lack clarity in the description of services to be provided, may result in the rejection of the Proposal. The Proposer shall assume the responsibility regarding erroneous interpretations or conclusions made by the Proposer in the course of

understanding the RFP out of the set of information furnished by UNDP.

- 25.2 A Proposer may withdraw, substitute or modify its Proposal after it has been submitted by sending a written notice in accordance with Clause 23.1, 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 Proposal must accompany the respective written notice. All notices must be received by UNDP prior to the deadline for submission and submitted in accordance with RFP Clause 23.1 (except that withdrawal notices do not require copies). The respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION".
- 25.3 Proposals requested to be withdrawn shall be returned unopened to the Proposers.
- 25.4 No Proposal may be withdrawn, substituted, or modified in the interval between the deadline for submission of Proposals and the expiration of the period of proposal validity specified by the Proposer on the Proposal Submission Form or any extension thereof.

26. Proposal Opening

UNDP will open the Proposals in the presence of an ad-hoc committee formed by UNDP of at least two (2) members. If electronic submission is permitted, any specific electronic proposal opening procedures shall be as specified in the **Data Sheet** (DS no. 23).

The Proposers' 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 Proposal shall be rejected at the opening stage, except for late submission, for which the Proposal shall be returned unopened to the Proposer.

27. Confidentiality

Information relating to the examination, evaluation, and comparison of Proposals, and the recommendation of contract award, shall not be disclosed to Proposers or any other persons not officially concerned with such process, even after publication of the contract award.

Any effort by a Proposer to influence UNDP in the examination, evaluation and comparison of the Proposals or contract award decisions may, at UNDP's decision, result in the rejection of its Proposal.

In the event that a Proposer is unsuccessful, the Proposer may seek a meeting with UNDP for a debriefing. The purpose of the debriefing is discussing the strengths and weaknesses of the Proposer's submission, in order to assist the Proposer in improving the proposals presented to UNDP. The content of other proposals and how they compare to the Proposer's submission shall not be discussed.

E. EVALUATION OF PROPOSALS

28. Preliminary Examination of Proposals

UNDP shall examine the Proposals to determine whether they are complete with respect to minimum documentary requirements, whether the documents have been properly signed, whether or not the Proposer is in the UN Security Council 1267/1989 Committee's list of terrorists and terrorist financiers, and in UNDP's list of suspended and removed vendors, and whether the Proposals are generally in order, among other indicators that may be used at this stage. UNDP may reject any Proposal at this stage.

29. Evaluation of Proposals

29.1 UNDP shall examine the Proposal to confirm that all terms and conditions under the UNDP General Terms and Conditions and Special Conditions have been accepted by the Proposer without any deviation or reservation.

29.2 The evaluation team shall review and evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference and other documentation provided, applying the evaluation criteria, sub-criteria, and point system specified in the **Data Sheet** (DS no. 32). Each responsive Proposal will be given a technical score. A Proposal shall be rendered non-responsive at this stage if it does not substantially respond to the RFP particularly the demands of the Terms of Reference, which also means that it fails to achieve the minimum technical score indicated in the **Data Sheet** (DS no. 25). Absolutely no changes may be made by UNDP in the criteria, sub-criteria and point system indicated in the **Data Sheet** (DS no. 32) after all Proposals have been received.

29.3 In the second stage, only the Financial Proposals of those Proposers who achieve the minimum technical score will be opened for evaluation for comparison and review. The Financial Proposal Envelopes corresponding to Proposals that did not meet the minimum passing technical score shall be returned to the Proposer unopened. The overall evaluation score will be based either on a combination of the technical score and the financial offer, or the lowest evaluated financial proposal of the technically qualified Proposers. The evaluation method that applies for this RFP shall be as indicated in the **Data Sheet** (DS No. 25).

When the Data Sheet specifies a combined scoring method, the formula for the rating of the Proposals will be as follows:

Rating the Technical Proposal (TP):

TP Rating = (Total Score Obtained by the Offer / Max. Obtainable Score for TP) x 100

Rating the Financial Proposal (FP):

FP Rating = (Lowest Priced Offer / Price of the Offer Being Reviewed) x 100

Total Combined Score:

(TP Rating) x (Weight of TP, e.g. 70%)

+ (FP Rating) x (Weight of FP, e.g., 30%)

Total Combined and Final Rating of the Proposal

29.4 UNDP reserves the right to undertake a post-qualification exercise aimed at determining, to its satisfaction the validity of the information provided by the Proposer. Such post-qualification shall be fully documented and, among those that may be listed in the **Data Sheet** (DS No.33), 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 Proposer on the legal, technical and financial documents submitted;
- b) Validation of extent of compliance to the RFP 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 Proposer, or any other entity that may have done business with the Proposer;
- d) Inquiry and reference checking with other previous clients on the quality of performance on ongoing or previous contracts completed;
- e) Physical inspection of the Proposer's offices, branches or other places where business transpires, with or without notice to the Proposer;
- f) Quality assessment of ongoing and completed outputs, works and activities similar to the requirements of UNDP, where available; and
- g) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.

30. Clarification of Proposals

To assist in the examination, evaluation and comparison of Proposals, UNDP may, at its discretion, ask any Proposer for a clarification of its Proposal.

UNDP's request for clarification and the response shall be in writing. Notwithstanding the written communication, no change in the prices or substance of the Proposal 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 Proposals, in accordance with RFP Clause 32.

Any unsolicited clarification submitted by a Proposer in respect to its Proposal, which is not a response to a request by UNDP, shall not be considered during the review and evaluation of the Proposals.

31. Responsiveness of Proposal

UNDP's determination of a Proposal's responsiveness will be based on the contents of the Proposal itself.

A substantially responsive Proposal is one that conforms to all the terms, conditions, TOR and other requirements of the RFP without material deviation, reservation, or omission.

If a Proposal is not substantially responsive, it shall be rejected by UNDP and may not subsequently be made responsive by the Proposer by correction of the material deviation, reservation, or omission.

32. Nonconformities, Reparable Errors and Omissions

Provided that a Proposal is substantially responsive, UNDP may waive any non-conformities or omissions in the Proposal that, in the opinion of UNDP, do not constitute a material deviation.

Provided that a Proposal is substantially responsive, UNDP may request the Proposer to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Proposal related to documentation requirements. Such omission shall not be related to any aspect of the price of the Proposal. Failure of the Proposer to comply with the request may result in the rejection of its Proposal.

Provided that the Proposal is substantially responsive, UNDP shall 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 subject to the above.

If the Proposer does not accept the correction of errors made by UNDP, its Proposal shall be rejected.

F. AWARD OF CONTRACT

33. Right to Accept, Reject, or Render Non-Responsive Any or All Proposals

UNDP reserves the right to accept or reject any Proposal, to render any or all of the Proposals as non-responsive, and to reject all Proposals at any time prior to award of contract, without incurring any liability, or obligation to inform the affected Proposer(s) of the grounds for UNDP's action. Furthermore, UNDP shall not be obliged to award the contract to the lowest price offer.

UNDP shall also verify, and immediately reject their respective Proposal, if the Proposers are found to appear in the UN's Consolidated List of Individuals and Entities with Association to Terrorist Organizations, in the List of Vendors Suspended or Removed from the UN Secretariat Procurement Division Vendor Roster, the UN Ineligibility List, and other such lists that as may be established or recognized by UNDP policy on Vendor Sanctions. (See <http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/> for details)

34. Award Criteria

Prior to expiration of the period of proposal validity, UNDP shall award the contract to the qualified Proposer with the highest total score based on the evaluation method indicated in the **Data Sheet** (DS nos. 25 and 32).

35. Right to Vary Requirements at the Time of Award

At the time of award of Contract, UNDP reserves the right to vary the quantity of services and/or goods, 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.

36. Contract Signature

Within fifteen (15) days from the date of receipt of the Contract, the successful Proposer shall sign and date the Contract and return it to UNDP.

Failure of the successful Proposer to comply with the requirement of RFP Clause 35 and this provision shall constitute sufficient grounds for the annulment of the award, and forfeiture of the Proposal Security if any, and on which event, UNDP may award the Contract to the Proposer with the second highest rated Proposal, or call for new Proposals.

37. Performance Security

A performance security, if required, shall be provided in the amount and form provided in Section 9 and by the deadline indicated in the **Data Sheet** (DS no. 14), as applicable. Where a Performance Security will be required, the submission of the said document, and the confirmation of its acceptance by UNDP, shall be a condition for the effectivity of the Contract that will be signed by and between the successful Proposer and UNDP.

38. Bank Guarantee for Advanced Payment

Except when the interests of UNDP so require, it is the UNDP's preference to make no advanced payment(s) on contracts (i.e., payments without having received any outputs). In the event that the Proposer requires an advanced payment upon contract signature, and if such request is duly accepted by UNDP, and the said advanced payment exceeds 20% of the total proposal price, or exceed the amount of USD 30,000, UNDP shall require the Proposer to submit a Bank Guarantee in the same amount as the advanced payment. A bank guarantee for advanced payment shall be furnished in the form provided in Section 10.

39. Vendor Protest

UNDP's vendor protest procedure provides an opportunity for appeal to those persons or firms not awarded a purchase order or contract through a competitive procurement process. In the event that a Proposer 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/operations/procurement/protestandsanctions/>

Instructions to Proposers

DATA SHEET

The following data for the services to be procured shall complement, supplement, or amend the provisions in the Instruction to Proposers. In the case of a conflict between the Instructions to Proposers, the Data Sheet, and other annexes or references attached to the Data Sheet, the provisions in the Data Sheet shall govern.

| DS No. ² | Cross Ref. to Instruc-tions | Data | Specific Instructions / Requirements |
|---------------------|-----------------------------|------------------------------------|--|
| 1 | | Project Title : | The Ardahan Kars Artvin Development Project (AKADP) |
| 2 | | Title of Services/Work: | <p>Supervision of Civil Works for Construction of 5 Livestock Markets in Ardahan, Kars, Artvin Provinces</p> <p>UNDP Turkey has recently signed a civil works contract with a construction company for construction of 5 Livestock Markets in the provinces stated in Item 3 below. The livestock markets are grouped into 3 LOTs in the construction contract.</p> <p>This tender concerns provision of supervision services for construction of these 5 Livestock Markets in 3 LOTs.</p> |
| 3 | | Country / Region of Work Location: | <p>The LOTs in which the construction works will be performed as follows:</p> <p>LOT1: Kars-Selim District: 1 Livestock Market Kars-Sarıkamış District: 1 Livestock Market</p> <p>LOT2: Ardahan-Posof District: 1 Livestock Market Ardahan-Hanak District: 1 Livestock Market</p> <p>LOT3: Artvin-Ardanuç District: 1 Livestock Market</p> |
| 4 | C.13 | Language of the Proposal: | English |

² All DS number entries in the Data Sheet are cited as reference in the Instructions to Proposers. All DS nos. corresponding to a Data must not be modified. Only information on the 3rd column may be modified by the user. If the information does not apply, the 3rd column must state "N/A" but must not be deleted.

| | | | |
|----|--------------------|---|---|
| 5 | C.20 | Conditions for Submitting Proposals for Parts or sub-parts of the TOR | Not allowed |
| 6 | C.20 | Conditions for Submitting Alternative Proposals | Shall not be considered |
| 7 | C.22 | A pre-proposal conference will be held on: | N/A |
| 8 | C.21 | Period of Proposal Validity commencing on the submission date | 60 days |
| 9 | B.9.5 C.15.4 b) | Proposal Security | Required Amount: 15.000 TRY Form: Section 8 – Form For Proposal Security |
| 10 | B.9.5 | Acceptable forms of Proposal Security | Bank Guarantee (See Section 8 for template) |
| 11 | B.9.5 C.15.4 a) | Validity of Proposal Security | 90 days from the last day of Proposal submission. Proposal Security of unsuccessful Proposers shall be returned. |
| 12 | | Advanced Payment upon signing of contract | Not allowed |
| 13 | | Liquidated Damages | The liquidated damages for absence of Contractor's key staff/personnel (Civil Engineer, Electrical Engineer and Civil Technician etc.) from the construction site without Engineer's approval shall be 500 TRY per day. |
| 14 | F.37 | Performance Security | Required (For information purposes only, will be requested from the successful contractor at the time of contract) Amount : 10% (ten per cent) of the contract amount Form: Section 9 – Form for Performance Security |
| 15 | C.17, C.17 b) | Preferred Currency of Proposal and Method for Currency conversion | Local Currency (<i>TRY</i>) <i>Reference date for conversion of price proposals submitted in a currency other than TRY: October 2016</i> <i>UN Operational Exchange Rate for October 2016:</i> |

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| | | | 2.9970 USD/TRY, 3.3599 EURO/TRY |
| 16 | B.10.1 | Deadline for submitting requests for clarifications/ questions | 5 days before the submission date. |
| 17 | B.10.1 | Contact Details for submitting clarifications/questions ³ | <p>Focal Person in UNDP: Naz Özgüç Address: Birlik Mah. Katar Cad. No: 11, Cankaya, Ankara, Turkey</p> <p>Fax No. : + 90 312 496 1463 (for all correspondence) E-mail address dedicated for this purpose: tr.procurement@undp.org</p> |
| 18 | B.11.1 | Manner of Disseminating Supplemental Information to the RFP and responses/clarifications to queries | <p>Direct communication to prospective Proposers who submit acknowledgment letter to UNDP, by email or fax.</p> <p>-Posting on the website http://www.tr.undp.org/content/turkey/en/home/operations/procurement/procurement-notices.html</p> |
| 19 | D.23.3 | No. of copies of Proposal that must be submitted [if transmitted by courier] | <p>The Offeror shall prepare two copies of the Proposal, clearly marking one “<i>Original Proposal</i>” and the other “<i>Copy of Proposal</i>” as appropriate. In the event of any discrepancy between the two, the original shall govern.</p> <p>Original : 1 Copies : 1</p> |
| 20 | D.23.1 D.23.2 D.24 | Proposal Submission Address | <p>United Nations Development Programme (UNDP) Birlik Mah. Katar Cad. No: 11, Cankaya, Ankara.</p> <p><u>Reference number:</u> UNDP-TUR-RFP-PROJ(AKADP)-2016/10</p> |
| 21 | C.21 D.24 | Deadline for physical submission of the proposals to UN House in Ankara | <p>Date and Time : October 26, 2016 5:30 PM</p> |
| 22 | D.23.2 | Allowable Manner of Submitting Proposals | Courier/Hand Delivery |
| 23 | D.23.2 | Conditions and | N/A |

³ This contact person and address is officially designated by UNDP. If inquiries are sent to other person/s or address/es, even if they are UNDP staff, UNDP shall have no obligation to respond nor can UNDP confirm that the query was officially received.

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| | D.26 | Procedures for electronic submission and opening, if allowed | |
| 24 | D.23.1 | Date, time and venue for opening of Proposals | Date and Time: October, 2016 Venue : United Nations Development Programme Birlik Mah. Katar Cad. No:11 06610 Cankaya/Ankara |
| 25 | E.29.2 E.29.3 F.34 | Evaluation method to be used in selecting the most responsive Proposal | Combined Scoring Method, using the 70%-30% distribution for technical and financial proposals, respectively, where the minimum passing score of technical proposal is 70%. The "Grand Total" to be quoted by the Proposers in Section 7: Financial Proposal Form shall be the basis for financial evaluation. |
| 26 | C.15.1 | Required Documents that must be Submitted to Establish Qualification of Proposers (In "Certified True Copy" form only) | In order to be qualified for the second stage of the evaluation an Offeror shall: <ul style="list-style-type: none"> • Be established as single legal entity (real persons, JVs, consortia are not eligible), • Not be in the circumstances of disqualification or restriction set forth in the last paragraph of Article 10 of Law No. 4734 (or as per the relevant public procurement laws of the country in which they operate) and not be in the circumstances of those that cannot participate in the procurement as per Article 11 of the same Law (or as per the relevant laws of the country in which they operate). • Not be associated, or have not been associated in the past, directly or indirectly, with entities or any of their affiliates, which have been engaged by the Employer to provide consulting services for the preparation of the design specifications, other documents and construction works for the Civil Works Packages, listed in the Statement of Works (Annex 3), and/or the present RFP. • Have not submitted a bid in response to UNDP's ITB dated 14 June 2016 with ref UNDP-TUR-ITB-PROJ(AKADP)2016/07 for Construction of Livestock Markets within the scope of Ardahan Kars Artvin Development Project . • Have been legally established since 2010 or before, • Have at least 10 permanent staff currently |

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| | | | <p>working for the Offeror this year (2016) and employed before the date of announcement of the present RFP, in fields (such as civil, electrical and mechanical engineers, survey technicians, quality control and assurance managers,) related to this contract,</p> <ul style="list-style-type: none"> • Have participated as contractor or subcontractor, in at least 1 single contract, since 01.01.2010, with a value of at least 500.000 TRY (Five-hundred-thousand Turkish Lira), carried out by the Offeror, that has been successfully and substantially completed, and that concerns supervision, which may include design, of civil works. • Have participated as contractor or subcontractor, to contracts, since 01.01.2010, with a total value of at least 2.000.000 TRY (Two-million Turkish Lira), carried out by the Offeror, that have been successfully and substantially completed, and that concern supervision, which may include design, of civil works. • Have an average current ratio (current assets/current liabilities) equal to or higher than 1 (one) for 2013, 2014 and 2015 or a current ratio (current assets/current liabilities) equal to or higher than 1 (one) in 2015. • Have an average annual turnover equal to or higher than 1.000.000 TRY for 2013, 2014 and 2015 or an annual turnover equal to or higher than 1.000.000 TRY in 2015. <p>Hereinafter, the profiles of the key and non-key personnel are presented. Note the minimum requirements and the assets. The minimum requirements refer to the qualifications that the personnel to be proposed by the Offeror must definitely possess.</p> <p><u><i>In the event that qualifications of a Key Personnel to be proposed by the Offerors do not meet one of the relevant minimum requirements, he/she shall secure zero (0) points from the evaluation of personnel section as a whole</i></u></p> <ul style="list-style-type: none"> • In the event that qualifications of two or more Key Personnel to be proposed by the Offerors do not meet one of the relevant minimum requirements, the Offeror may be disqualified. • UNDP possesses the right to ask the |
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| | | | <p>Contractor to replace Key Personnel that do not meet the minimum requirements before contract signature. In such case, the unit price to be proposed by the Contractor for the concerned key personnel will remain unchanged.</p> <p>“Assets” are preferred qualities and qualifications of the key personnel. Proposed key personnel that possess the minimum requirements will obtain 70% of the maximum obtainable points, whereas proposed key personnel that also possess the “assets”, in addition to all the minimum requirements, may secure up to 100% of the maximum obtainable points.</p> <p>Any Offeror that does not meet the minimum requirements, set forth above, shall be disqualified and shall not be considered for the further stages of the evaluation. The second inner envelope (i.e. financial proposal) of any disqualified Offeror will be returned unopened to the Offeror.</p> |
| 27 | | Other documents that may be Submitted to Establish Eligibility | <ul style="list-style-type: none"> • Company Profile, which should not exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods/services being procured • Members of the Governing Board and their Designations duly certified by the Corporate Secretary, or its equivalent document if Bidder is not a corporation • List of Shareholders and Other Entities Financially Interested in the Firm owning 5% or more of the stocks and other interests, or its equivalent if Bidder is not a corporation • Work Completion/Experience Certificates which prove that the Offeror has participated as contractor (e.g. sole contractor, JV member/partner, consortium member/partner), in at least two construction supervision contracts, in 2010 or later, employer or contracting authority of which are international organizations (e.g. UN Agencies, World Bank, European Commission, European Investment Bank, European Bank for Reconstruction and Development etc.) or the source of funds of which are international organizations, with the employer deploying the procurement rules and regulations of donor/financier international organization (e.g. UN Agencies, |

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| | | | <p>World Bank, European Commission, European Investment Bank, European Bank for Reconstruction and Development etc.),</p> <ul style="list-style-type: none"> • 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 • Certificate of Registration of the business, including Articles of Incorporation, or equivalent document if Bidder is not a corporation • Trade name registration papers, if applicable • Official Letter of Appointment as local representative, if Bidder is submitting a Bid in behalf of an entity located outside the country • Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any • Certification or authorization to act as Agent in behalf of the contractor, or Power of Attorney • Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Report for the past 3 years (2013 onwards) • List of Bank References (Name of Bank, Location, Contact Person and Contact Details) • All information regarding any past and current litigation during the last five (5) years, in which the bidder is involved, indicating the parties concerned, the subject of the litigation, the amounts involved, and the final resolution if already concluded. |
| 28 | C.15 | Structure of the Technical Proposal | <i>Please refer Section 6</i> |
| 29 | C.15.2 | Latest Expected date for commencement of Contract | <i>November 1, 2016</i> |
| 30 | C.15.2 | Expected duration of contract | 16 months following contract signature (excluding Defects Liability Period of the construction works) |
| 31 | | UNDP will award the contract to: | One Proposer only |

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| 32 | E.29.2 F.34 | Criteria for the Award of Contract and Evaluation of Proposals | (See Tables below) |
| 33 | E.29.4 | Post-Qualification Actions | <input type="checkbox"/> Verification of accuracy, correctness and authenticity of the information provided by the bidder on the legal, technical and financial documents submitted; <input type="checkbox"/> Validation of extent of compliance to the RFP requirements and evaluation criteria based on what has so far been found by the evaluation team; <input type="checkbox"/> Inquiry and reference checking with Government entities with jurisdiction on the bidder, or any other entity that may have done business with the bidder; <input type="checkbox"/> Inquiry and reference checking with other previous clients on the quality of performance on ongoing or previous contracts completed; <input type="checkbox"/> Physical inspection of the bidder's plant, factory, branches or other places where business transpires, with or without notice to the bidder; and <input type="checkbox"/> Others |
| 34 | | Conditions for Determining Contract Effectivity | <input type="checkbox"/> UNDP's receipt of Performance Bond <input type="checkbox"/> Contract Signature |
| 35 | | Payment | <p>Payments to the Supervision Services Provider shall be effected by UNDP on monthly basis as follows:</p> <p>The Construction Company will submit "Monthly Progress Payments" to UNDP at the end of each month, indicating the percentage of construction works completed in that respective month. Upon approval, acceptance and payment of the invoices of Construction Company by UNDP, UNDP will calculate the percentage (%) of construction works completed in the respective month, for each LOT separately.</p> <p>The percentage (%) of completed work in each LOT will be communicated to the Supervision Services Provider by UNDP and the Supervision Services Provider shall issue invoices for each LOT, on the basis of these percentages. E.g. If the % of completed construction works is 10%, 25%, 7% for LOT1, LOT2 and LOT3 respectively, as approved by UNDP; the Supervision Services Provider shall</p> |

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|----|--|----------------------------------|--|
| | | | issue its invoices at 10%, 25%, 7% of their price proposal for LOT1, LOT2 and LOT3 respectively. |
| 36 | | Prices | <p>1- Proposers shall offer Lump sum prices for each Lot of the RFP. Prices shall include ;</p> <ul style="list-style-type: none"> • Cost of Project Coordinator (Civil Engineer), Mechanical Engineer, Electrical Engineer, Survey/Topographical Engineer, Civil Technician / Construction Technician for CWP1, CWP2 and CWP3 • Travel and accommodation (and living) costs of the Contractor's personnel shall be included in the price proposals. No additional payments will be made for such expenses by UNDP during the execution of the Contract. <u>The Contractor (Engineer) shall also include in the price proposals, the expenses for the cost for rent/lease of two vehicles(to be used for the whole contract) and running expenses for the mobilization in between construction sites.</u> <p>2-The total contract amount for each LOT shall not be changed as long as the civil works contract amount changes within the range of 20%.</p> <p>In case of an amendment in the amount of any LOT in the works contract is greater than 20 % of the initial contract amount,the percentage change above 20% will be reflected to Supervision Service Provider' contract for respective LOT. (i.e an amendment of 30 % change in LOT1 amount in the works contract will result in a change of 10% in LOT1 amount in 'Supervision Service Provider' contract.</p> |
| 37 | | Taxation; Valued Added Tax (VAT) | <p>Bidders shall take into account the following issues, while preparing their bids; UN and its subsidiary organs are exempt from all taxes. Therefore bidders shall prepare their Price Schedule, excluding VAT. It is the bidders responsibility to learn from relevant authorities (such as 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 and Ministry of Finance's Communiqués in Turkey.</p> |

Any Offeror that does not meet the minimum requirements, set forth above, shall be disqualified and shall not be considered for the further stages of the evaluation. The second inner envelope (i.e. financial proposal) of any disqualified Offeror will be returned unopened to the Offeror.

The Proposals of the Offerors that meet the minimum requirements set forth above shall be evaluated in the following order.

Technical Evaluation Criteria

| Summary of Technical Proposal Evaluation Forms | | Score Weight | Points Obtainable |
|--|--|--------------|-------------------|
| 1 | Expertise of the Firm, submitting Proposal | 40% | 400 pts |
| 2 | Proposed Work Plan and Approach | 30% | 300 pts |
| 3 | Personnel | 30% | 300 pts |
| Total | | 100% | 1000 pts |

Evaluation forms for technical proposals follow on the following pages. The obtainable number of points specified for each evaluation criterion indicates the relative significance or weight of the item in the overall evaluation process.

The Technical Proposal Evaluation Forms are:

- Form 1: Expertise of the Firm, submitting Proposal
- Form 2: Proposed Work Plan and Approach
- Form 3: Personnel

| Evaluation Form 1 Expertise of the Firm, submitting Proposal | | Sub-score | Points Obtainable | | | | | | | | | | |
|--|---|--------------|-------------------|--|--------|---|--------|---|----------|---|----------|---------|--|
| 1.1 | Organizational Capacity | | 200 | | | | | | | | | | |
| 1.1.1 | <div>Experience of the Offeror (holding company or its bidding subsidiary), as demonstrated by the years of relevant experience (YOE) in similar undertakings, where relevant experience refers to design works):</div> <table> <tr> <th>Sub-criteria</th> <th>Pts</th> </tr> <tr> <td>- YOE more than or equal to 10 years</td> <td>40</td> </tr> <tr> <td>- YOE less than 10 years, but more than or equal to 5 years</td> <td>20</td> </tr> <tr> <td>- Experience with international organizations</td> <td>+ Max 30</td> </tr> <tr> <td>- Human resources, corporate systems, governance, reputation etc.</td> <td>+ Max 30</td> </tr> </table> | Sub-criteria | Pts | - YOE more than or equal to 10 years | 40 | - YOE less than 10 years, but more than or equal to 5 years | 20 | - Experience with international organizations | + Max 30 | - Human resources, corporate systems, governance, reputation etc. | + Max 30 | Max 100 | |
| Sub-criteria | Pts | | | | | | | | | | | | |
| - YOE more than or equal to 10 years | 40 | | | | | | | | | | | | |
| - YOE less than 10 years, but more than or equal to 5 years | 20 | | | | | | | | | | | | |
| - Experience with international organizations | + Max 30 | | | | | | | | | | | | |
| - Human resources, corporate systems, governance, reputation etc. | + Max 30 | | | | | | | | | | | | |
| 1.1.2 | <div>Offeror’s scope of specialization, as demonstrated by the nature of present/ongoing or recently completed activities</div> <table> <tr> <th>Sub-criteria</th> <th>Pts</th> </tr> <tr> <td>- Supervision of Super structures (reinforced concrete, Steel constructions, etc.)</td> <td>Max 35</td> </tr> <tr> <td>- Supervision and design of civil works</td> <td>Max 15</td> </tr> </table> | Sub-criteria | Pts | - Supervision of Super structures (reinforced concrete, Steel constructions, etc.) | Max 35 | - Supervision and design of civil works | Max 15 | Max 50 | | | | | |
| Sub-criteria | Pts | | | | | | | | | | | | |
| - Supervision of Super structures (reinforced concrete, Steel constructions, etc.) | Max 35 | | | | | | | | | | | | |
| - Supervision and design of civil works | Max 15 | | | | | | | | | | | | |
| 1.1.3 | <div>General organizational capability, as demonstrated by the following parameters:</div> <table> <tr> <th>Sub-criteria</th> <th>Pts</th> </tr> <tr> <td>- Presence of full fledge corporate structure (Organizational chart)</td> <td>Max 15</td> </tr> <tr> <td>- Presence of Quality assurance system/mechanism in place</td> <td>Max 10</td> </tr> </table> | Sub-criteria | Pts | - Presence of full fledge corporate structure (Organizational chart) | Max 15 | - Presence of Quality assurance system/mechanism in place | Max 10 | Max 25 | | | | | |
| Sub-criteria | Pts | | | | | | | | | | | | |
| - Presence of full fledge corporate structure (Organizational chart) | Max 15 | | | | | | | | | | | | |
| - Presence of Quality assurance system/mechanism in place | Max 10 | | | | | | | | | | | | |

| Evaluation Form 1 Expertise of the Firm, submitting Proposal | | Sub-score | Points Obtainable | |
|---|---|-----------|-------------------|------------|
| 1.1.4 | Litigation and Arbitration history | Max 25 | | |
| | <i>Sub-criteria</i> | | | <i>Pts</i> |
| | - With no litigation history | | | 25 |
| | - With litigation history | | | Min 0 |
| 1.2 | Similar work experience: Supervision of civil works that may or may not include design of civil works is considered similar work experience. Successfully or substantially completed in 2010 or later in the public or private sector. A substantially completed supervision contract is one that the construction works, for which supervision services have been delivered by the contractor, have obtained provisional acceptance from the relevant employer. | | 150 | |
| 1.2.1 | Single Similar Work Experience (SSWE) | Max 100 | | |
| | <i>Sub-criteria</i> | | | <i>Pts</i> |
| | - SSWE ≥ 3.000.000 TRY | | | 60 |
| | - 3.000.000 TRY > SSWE ≥ 1.500.000 TRY | | | 40 |
| | - 1.500.000 TRY > SSWE ≥ 500.000 TRY | | | 20 |
| | - Employer or donor/financier is an international organization | | | + 10 |
| | - Experience in supervision of superstructures (e.g. steel (columns, beams) and reinforced concrete structures etc.) | | | +30 |

| Evaluation Form 1 Expertise of the Firm, submitting Proposal | | Sub-score | Points Obtainable | |
|---|--|-----------|-------------------|---------------|
| 1.2.2 | Total Similar Work Experience (TSWE) | Max 50 | | |
| | <i>Sub-criteria</i> | | | <i>Pts</i> |
| | - <i>TSWE ≥ 5.000.000 TRY</i> | | | <i>40</i> |
| | - <i>5.000.000 TRY > TSWE ≥ 3.000.000 TRY</i> | | | <i>25</i> |
| | - <i>3.000.000 TRY > TSWE ≥ 2.000.000 TRY</i> | | | <i>10</i> |
| | - <i>Experience with international organizations</i> | | | <i>Max +5</i> |
| | - <i>Experience in supervision of super structures (e.g. steel and reinforced concrete structures etc.)</i> | | | <i>Max +5</i> |
| 1.3. | Offeror’s current financial capabilities: as demonstrated by the annual turnover resulting from 2015 <u>or</u> the average annual turnover resulting from 2013, 2014 and 2015 (ATO), whichever is greater; and by the current ratio (current assets/current liabilities) for 2015 <u>or</u> average current ratio for 2013, 2014 and 2015 | - | 50 | |
| | <i>Sub-criteria (Annual Turnover)</i> | | | <i>Pts</i> |
| | - <i>ATO ≥ 1.500.000 TRY</i> | | | <i>30</i> |
| | - <i>1.500.000 TRY > ATO ≥ 1.000.000 TRY</i> | | | <i>20</i> |
| | <i>Sub-criteria (Current Ratio)</i> | | | <i>Pts</i> |
| | - <i>Current Ratio is higher than or equal to 2</i> | | | <i>20</i> |
| | - <i>Current Ratio is less than 2 but higher than or equal to 1</i> | | | <i>10</i> |

| Evaluation Form 2 Proposed Work Plan and Approach | | | Sub-score | Points Obtainable |
|---|--|--|-----------|-------------------|
| 2 | Approach | | | 300 |
| 2.1 | Responsiveness to the Terms of Reference <div> <div>Sub-criteria</div> <div>Pts</div> </div> | | | 100 |
| | 2.1.1 | Level of compliance of the Offeror's description of the scope of the work and comments on the Terms of Reference (ToR), compared to the ToR, | Max 25 | |
| | 2.1.2 | The strength and applicability of the technical methodology and approach, proposed by the Offeror | Max 15 | |
| | 2.1.3 | The quality assurance mechanism, proposed by the Offeror | Max 30 | |
| | 2.1.4 | Risks, identified by the Offeror, along with proposed risk mitigation strategies and measures | Max 30 | |
| 2.2 | Work flow, time plan and Equipment <div> <div>Sub-criteria</div> <div>Pts</div> </div> | | | 200 |
| | 2.2.1 | Work flow is clear (step-by-step) and is in line with the Terms of Reference (ToR) | Max 50 | |
| | 2.2.2 | Milestones clearly identified, as per the Terms of Reference (ToR) | Max 50 | |
| | 2.2.3 | Time plan is realistic and achievable, and is in line with the ToR | Max 50 | |
| | 2.2.4 | Work flow and time plan is supported by a clear resource schedule (personnel time + equipment) | Max 50 | |

| Evaluation Form 3 Personnel | | Sub-score | Points Obtainable |
|-----------------------------|--|-----------|-------------------|
| 3 | Personnel | | 300 |
| 3.1 | Proposed Team Structure (Max 50 pts) Including HQ staff in case of backstopping staff is considered.) | | 50 |
| 3.2 | Personnel | | 250 |
| 3.1.1 | Project Coordinator (Civil Engineer) General Qualifications (%20) General Professional Experience (%30) Specific Professional Experience (%50) | Max 70 | |
| 3.1.2 | Mechanical Engineer General Qualifications (%20) General Professional Experience (%30) Specific Professional Experience (%50) | Max 40 | |
| 3.1.3 | Electrical Engineer General Qualifications (%20) General Professional Experience (%30) Specific Professional Experience (%50) | Max 40 | |
| 3.1.4 | Survey/Topographical Engineer General Qualifications (%20) General Professional Experience (%30) Specific Professional Experience (%50) | Max 40 | |

| Evaluation Form 3 Personnel | | Sub-score | Points Obtainable |
|-----------------------------|--|-----------|-------------------|
| 3.1.5 3.1.6 3.1.7 | Civil Technician / Construction Technician for CWP 1, (Total 3 Staff) Civil Technician / Construction Technician for CWP 2, Civil Technician / Construction Technician for CWP 3 General Qualifications (%20) General Professional Experience (%30) Specific Professional Experience (%50) | Max 60 | |

Section 3: Terms of Reference (TOR)

A BACKGROUND

The Ardahan Kars Artvin Development Project (AKADP) is being implemented by the Ministry of Food, Agriculture and Livestock (MFAL) with implementation support services provided by United Nations Development Programme (UNDP). The Project is financed by the Loan Agreement signed between the Government of Turkey and the International Fund for Agricultural Development (IFAD). The Government of Turkey co-finances the IFAD loan. The role of UNDP as a implementation partner is incorporated in detail in the relevant sections of the Appraisal Report and the signed Project Document with the Government of Turkey. The UNDP's support to the MFAL includes capacity building within the Ministry, recruitment of project management unit's staff and national/international consultants, full fledged financial management, procurement according to guidelines, strategic advises, and technical assistance. Importantly, as an international development organization UNDP's support is provided based on the underlying principles and objectives of building institutional capacity and supporting national ownership.

The overall goal of the AKADP is to reduce rural poverty in the Provinces of Ardahan, Kars and Artvin. The project activities are categorized within three major components: 1) Smallholder and Non-Farm Enterprise Investments; 2) Village Infrastructure Investments; and 3) Institutional Strengthening and Project Management. The subject tender falls into the second component of the Project. The objective of the Village Infrastructure Investments component is to improve living conditions and to remove infrastructure bottlenecks which inhibit participation of farmers and economically active rural poor in increased production and incomes, based on the current employment and production patterns.

A.1 Location and Access

The construction works will be carried out in Kars-Selim District, Kars-Sarkıkamış District, Ardahan-Posof District, Ardahan-Hanak District and Artvin-Ardanuç District in Turkey.

A.2 Description of Works

The scope of the supervision of construction services for each LOT includes, but is not limited to the following works:

- Administrative building
- Open Paddocks for cattle and ruminants
- Paddocks under a shed,
- Disinfection Facilities (Disinfection Tunnel, Disinfection Pools)
- Loading-Unloading Ramp
- Quarantine Barn
- Watchman's Huts
- Fertilizer Tank and Filtering Pit
- Parking Lot
- Drainage and Storm Water Canals
- Cesspool

- Fertilizer pit
- Other ancillary structures

UNDP, in cooperation with the MFAL, is in the process of finalizing procurement of medium- and large-scale civil works services. These include:

- LOT 1: Rehabilitation of the Livestock Market in Selim District and Construction of Livestock Market in Sarıkamış District of Kars Province **(pls refer Section-12)**
- LOT 2: Rehabilitation of the Livestock Market in Hanak District and Construction of Livestock Market in Posof District of Ardahan Province **(pls refer Section-12)**
- LOT 3: Construction of Livestock Market in Ardanuç District of Artvin province **(pls refer Section-12)**

Detailed information on the aforementioned civil works can be found in Section D of the present Terms of Reference.

B DEFINITIONS

The following terms, concepts, acronyms and abbreviations are frequently used in these Terms of Reference:

- UNDP : United Nations Development Programme
- Employer : United Nations Development Programme (UNDP)
- MFAL : Ministry of Food, Agriculture and Livestock
- IFAD : International Fund for Agricultural Development
- AKADP : The Ardahan Kars Artvin Development Project
- AKADP -PMU: Project Management Unit, established within scope of the AKADP in Kars. The PMU is staffed with both UNDP-contracted staff as well as MFAL staff.
- The Assignment: Unless otherwise specifically noted “the Assignment” refers to the “Supervision of Civil Works for Construction of Livestock Markets within the Scope of Ardahan Kars Artvin Development Project (AKADP) in Kars-Selim District, Kars-Sarkıkamış District, Ardahan-Posof District, Ardahan-Hanak District and Artvin-Ardanuç District in Turkey”.
- Contractor: The entity, contracted by UNDP, to perform the services, stipulated in these Terms of Reference.
- Engineer: The above party (Contractor) whose services have been engaged by UNDP to administer the Contract for Civil Works is named as the Engineer in the UNDP General Conditions of Contract for Civil Works. Hence, Engineer and Contractor shall have exactly the same meaning thereafter in this Terms of Reference.
- Days: Unless otherwise explicitly stated “days” shall mean calendar days.
- Instructions to Offerors (ITO): Annex 1 of the Tender Dossier. The document that provides information on how to prepare proposals and apply for delivery of the required services for the “Supervision of Civil Works for Construction of Livestock Markets within the Scope of Ardahan Kars Artvin Development Project (AKADP) in Kars-Selim District, Kars-Sarkıkamış District, Ardahan-Posof District, Ardahan-Hanak District and Artvin-Ardanuç District in Turkey”.
- CWP: Civil Works Package
- GCCW: General Conditions of Contract for Civil Works (For information purposes only)

C OBJECTIVE, PURPOSE AND EXPECTED RESULTS

C.1 Overall objective

The overall objective of the project of which this contract will contribute is to improving the rural welfare by increasing the amount and quality of the agricultural output in the target regions.

C.2 Purpose

The purpose of this Contract is to provide supervision services for successful implementation of the construction works for rural/village infrastructure within the scope of AKADP and to ensure that the quality of the civil works complies with the works contract, [to be] signed between the UNDP and contractor(s) for works in accordance with the procurement rules and regulations of UNDP (e.g. “General Conditions of Contract for Civil Works” of UNDP **(pls refer Section-11)**).

C.3 Results to be achieved by the Contractor (Engineer)

The Contractor (Engineer) should ensure that the contractor of civil works is supervised adequately and UNDP is advised thoroughly so that the Assignment is completed in a timely, technically and financially efficient manner.

Submission and approval of the reports, required below indicates the outputs and results achieved by the Contractor (Engineer) as providing complete supervision records for construction of livestock markets within the scope of The Ardahan Kars Artvin Development Project (AKADP) appropriately to the project requirements from commencement to the Certificate of Final Completion stage.

Supervision of the construction works will be done accordingly by the Contractor (Engineer) to achieve the work output that physical infrastructure of AKADP subject to these Terms of Reference to be completed and operational.

D SCOPE OF THE SERVICES

D.1 Description

The Contractor will serve as “the Engineer”, as defined in the UNDP’s General Conditions for Civil Works (GCCW), for the civil works contracts, specified below:

The **First Civil Works Package** concerns construction of 2 Livestock Markets (LM), as detailed in the following table. **(Pls Refer Works Contract’s Bill Of Quantities (BoQ) Attached In Section-12)**

Table 1: Civil Works Package 1 (CWP 1): Supervision for Rehabilitation of the Livestock Market in Selim District and Construction of Livestock Market in Sarıkamış District of Kars Province

| Province | District | Livestock | Ruminants | Surface Area in the Land Register(m ²) | Estimated Application Area(m ²) |
|----------|-----------|-----------|-----------|--|---|
| Kars | Selim | 400 | 100 | 8,000 | 8,000 |
| Kars | Sarıkamış | 500 | 100 | 14,978 | 14,978 |

The **Second Civil Works Package** concerns construction of 2 Livestock Markets (LM), as detailed in the following table. **(Pls Refer Works Contract's Bill Of Quantities (BoQ) Attached In Section-12)**

Table 2: Civil Works Package 2 (CWP 2): Supervision for Rehabilitation of the Livestock Market in Hanak District and Construction of Livestock Market in Posof District of Ardahan Province

| Province | District | Livestock | Ruminants | Surface Area in the Land Register(m ²) | Estimated Application Area(m ²) |
|----------|----------|-----------|-----------|--|---|
| Ardahan | Hanak | 300 | 200 | 33,370 | 10,000 |
| Ardahan | Posof | 300 | 200 | 5,776 | 5,776 |

The **Third Civil Works Package** concerns construction of 1 Livestock Market (LM), as detailed in the following table. **(Pls Refer Works Contract's Bill Of Quantities (BoQ) Attached In Section-12)**

Table 3: Civil Works Package 3 (CWP 3): Supervision for Construction of Livestock Market in Ardanuç District of Artvin province

| Province | District | Livestock | Ruminants | Surface Area in the Land Register(m ²) | Estimated Application Area(m ²) |
|----------|----------|-----------|-----------|--|---|
| Artvin | Ardanuç | 350 | 300 | 30.000 | 30,000 |

Clause 5 of the UNDP GCCW defines “General Duties and Powers of the Engineer” as follows:

- “The Engineer shall provide administration of Contract as provided in the Contract Documents. In particular, he shall perform the functions hereinafter described.
- The Engineer shall be the Employer's representative vis-à-vis the Contractor during construction and until final payment is due. The Engineer shall advise and consult with the Employer. The Employer's instructions to the Contractor shall be forwarded through the Engineer. The Engineer shall have authority to act on behalf of the Employer only to the extent provided in the Contract Documents as they may be amended in writing in accordance with the Contract. The duties, responsibilities and limitations of authority of the Engineer as the Employer's representative during construction as set forth in the Contract shall not be modified or extended without the written consent of the Employer, the Contractor and the Engineer.
- The Engineer shall visit the Site at intervals appropriate to the stage of construction to familiarize himself generally with the progress and quality of the Works and to determine in general if the Works are proceeding in accordance with the Contract Documents. On the basis of his on-site observations as an Engineer, he shall keep the Employer informed of the progress of the Works.
- The Engineer shall not be responsible for and will not have control or charge of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Works or the Temporary Works. The Engineer shall not be responsible for or have control or charge over the acts or omissions of the Contractor (including the Contractor's failure to carry out the Works in accordance with the Contract) and of Sub-contractors or any of their agents or employees, or any other persons performing services for the Works, except if such acts or omissions are caused by the Engineer's failure to perform his functions in accordance with the contract between the

Employer and the Engineer.

- The Engineer shall at all times have access to the Works wherever and whether in preparation or progress. The Contractor shall provide facilities for such access so that the Engineer may perform his functions under the Contract.
- Based on the Engineer's observations and an evaluation of the documentation submitted by the Contractor together with the invoices, the Engineer shall determine the amounts owed to the Contractor and shall issue Certificates for Payment as appropriate.
- The Engineer shall review and approve or take other appropriate action upon the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for conformity with the design concept of the Works and with the provisions of the Contract Documents. Such action shall be taken with reasonable promptness so as to cause no delay. The Engineer's approval of a specific item shall not indicate approval of an assembly of which the item is a component.
- The Engineer shall interpret the requirements of the Contract Documents and judge the performance thereunder by the Contractor. All interpretations and orders of the Engineer shall be consistent with the intent of and reasonably inferable from the Contract Documents and shall be in writing or in the form of drawings. Either party may make a written request to the Engineer for such interpretation. The Engineer shall render the interpretation necessary for the proper execution of the Works with reasonable promptness and in accordance with any time limit agreed upon. Any claim or dispute arising from the interpretation of the Contract Documents by the Engineer or relating to the execution or progress of the Works shall be settled as provided in Clause 71 of these General Conditions.
- Except as otherwise provided in the Contract, the Engineer shall have no authority to relieve the Contractor of any of his obligations under the Contract nor to order any work involving delay in completion of the Works or any extra payment to the Contractor by the Employer, or to make any variations to the Works.
- The Engineer shall have authority to reject work which does not conform to the Contract Documents. Whenever, in his opinion, he considers it necessary or advisable for the implementation of the intent of the Contract Documents, he will have authority to require special inspection or testing of the work whether or not such work be then fabricated, installed or completed. However, neither the Engineer's authority to act nor any reasonable decision made by him in good faith either to exercise or not to exercise such authority shall give rise to any duty or responsibility of the Engineer to the Contractor, any subcontractor, any of their agents or employees, or any other person performing services for the Works.
- The Engineer shall conduct inspections to determine the dates of Substantial Completion and Final Completion, shall receive and forward to the Employer for the Employer's review written warranties and related documents required by the Contract and assembled by the Contractor, and shall issue a final Certificate for Payment upon compliance with the requirements of Clause 47 hereof and in accordance with the Contract.
- If the Employer and Engineer so agree, the Engineer shall provide one or more Engineer's Representative(s) to assist the Engineer in carrying out his responsibilities at the site. The Engineer shall notify in writing to the Contractor and the Employer the duties, responsibilities and limitations of authority of any such Engineer's Representative(s)."

D.2 Specific Activities

The Contractor's (Engineer's) services will include **but not limited to** the following components. Note that some of the construction activities would have been started at the date of contract signature. Such construction activities will be supervised by the UNDP-contracted civil engineers until the Contractor (Engineer) becomes fully operational in the construction sites.

Once the Contractor (Engineer) becomes fully operational in the construction sites, UNDP-contracted civil engineers will hand over their roles as the Engineer to the Contractor. UNDP will reflect this change into the contracts between the works contractors of the concerned civil works packages and UNDP.

D.2.1 Pre-Construction Activities

The Contractor (Engineer) shall set up a functional organization for supervision allowing for a fast and efficient phasing of the implementation activities.

The Contractor (Engineer) will:

- Prepare detailed time and activity schedules (supervision plan) for the total project, prepared for easy monthly (minimum) updating throughout the duration of the Assignment and with reference to reporting requirements;
- Evaluate the site conditions, relevant legislation and technical standards;
- Assist UNDP in approving the contractors' Performance Security and required insurances;
- Set up the engineering organization including monitoring systems meeting the demand for an efficient construction supervision and administration, and mobilize supervision staff to the site;
- Review and approve the Insurance Policies provided by the Works Contractor;
- Review and approve the Performance Programme of the Works Contractor;
- Prepare a quality assurance manual and submit to the approval of UNDP;
- Make a plan and schedule for the project accounting and cost control system;
- Make a plan and schedule for regular weekly site meetings, monthly progress meeting formats and attendance;
- Make a plan and schedule for means and format of communication and reporting;
- Ensure that the Works Contractors fulfill all access to site(s) by obtaining all of the permits and licenses required prior to commencement. The status of authority approvals regarding the site(s) (utilities such as water, electricity, telephone etc.), design of works, land acquisition and/or right-of-way, any issues with settlement plans and title deed and environment will be reviewed and confirmed with the assistance of MFAL and UNDP;

D.2.2 During-Construction activities

The Contractor (Engineer) shall provide full consultancy, supervision and engineering services during the construction on behalf of UNDP in accordance with General Works Contract, technical specifications, drawings and any other document related or referred to in the tender dossier for Works. A consultancy and engineering organization will be set up including monitoring systems meeting the demand for an efficient construction supervision and administration.

The Contractor (Engineer) will:

- Monitor closely the progress and quality of the Works and make aware UNDP /PMU in a timely manner of any problems that could adversely affect the costs or time for completion of the Works, and instruct the Contractor to take remedial measures if any slippage occurs;
- Daily record the events in the work site and instructions given to the Contractor in a site Work Book. In particular, records should be kept on the Contractor's activities including equipment and labor on the site, and relevant information concerning the factors affecting progress (i.e. weather, equipment breakdown, accident etc.);
- Periodically (monthly) review the Contractor's Construction Programme and associated cash flow predictions in order to assist MFAL and UNDP in appropriate and timely planning of disbursement of funds;
- Instruct the Contractor at any time for additional or modified drawings which may be necessary for the execution of the Works and the remedying of any defects, all in

- accordance with the Works Contract;
- Monitor the Contractor's quality control programmes;
- Check the works, quality of executed works, quality of built-in materials and installed plants, all test runs of completed works along with the tests proving the achievement of guaranteed parameters set out in the Works Contract and all related activities taken by the Contractor, checking quality certificates, approvals, statement of compliance, certificates, guarantees etc. as well as preparation of monthly progress reports in accordance with the conditions of the Works Contract in addition to those referred to in clauses: F.2 and F.3 of these Terms of Reference;
- Review/approve material submittals of the Contractor;
- Maintain records, measurements and location of completed works with details of any deviation from the contract documents (i.e. drawings, technical specifications etc.);
- Check quantities/percentages contained in the Contractor's Interim Payment Application, approve when agreed and issue the consolidated Interim Payment Certificate for payment;
- Witness tests of construction materials carried out by the Contractor, instruct additional tests where deemed necessary, instruct additional tests and keep records of the results;
- Liaise with relevant Authorities in respect of their testing and inspection programme and notify them when their attendance is required;
- Receive and advise UNDP on Contractor's claims for additional payments/extension of time, if applicable;
- Where necessary, issue Change Orders providing no change in cost/extension of time is involved and once endorsed by UNDP;
- Advise, and seek approval from, UNDP/PMU for Modification/Change Orders where an increase or decrease in cost/extension of time is involved;
- Review and approve the testing plans, performance tests and commissioning plans in accordance with the Technical Specifications and conditions stipulated in the Contract documents;
- Ensure that Contractor is maintaining "as built" drawings and periodically inspect some of the drawings for completeness and accuracy;
- Report immediately to UNDP and PMU in any event or dispute which requires their intervention and assist them in solving it;
- Chair monthly site progress meetings, and prepare and issue minutes to all concerned parties;
- Prepare and submit Progress Reports which include progress reporting, photos, physical and financial progress schedules, and minutes of meetings related to the duration of the report;
- Ensure that Contractor liaises with all of the state authorities in order to issue timely notifications in works that may require prior consent or opinion of any of those authorities;
- Undertake a final review/inspection with relevant Authorities to confirm compliance earlier observations and quality acceptability;
- Carry out a final inspection of the Works together with UNDP, MFAL and PMU and issue the Certificate of Substantial Completion with a list of any outstanding work to be completed during the Defects Liability Period.

Furthermore, the Engineer shall obtain the specific approval of UNDP (Employer) in writing before taking any of the following actions:

- Agreement or determination for any matter which will change the Contract Price of the Works;
- Agreement or determination for an extension of time for completion;
- Suspension of work;
- Change Order

D.2.3 Post-Construction activities

After completion of the works, the Engineer shall inspect the works whenever instructed by the UNDP and/or MFAL throughout the Defects Liability Period in order to ensure a proper monitoring of the works performance.

After such a site inspection, the Engineer shall report to UNDP, MFAL and PMU about findings in the site(s), and advise any remedial measures regarding the subject matter for proper operation of the executed works.

Defects Liability Period will be a period of twelve (12) months, calculated from the date of completion of the Works stated in the Certificate of Substantial Completion issued by the Engineer or, in respect of any Section or part of the Works for which a separate Certificate of Substantial Completion has been issued, from the date of completion of that Section or part as stated in the relevant Certificate. The expression "the Works" shall, in respect of the Defects Liability Period, be construed accordingly.

Contract Completion is when all contractual obligations of the Contractor have been completed to the satisfaction of UNDP and MFAL. The main related tasks that will be carried out by the Engineer are as follows:

- Prepare a supervision plan for the Defects Liability Period;
- Check and verify the Statement at Completion;
- Upon satisfactory completion of the work outstanding on the Works, the Engineer shall within twenty eight (28) days of the expiration of the Defects Liability period issue a Certificate of Final Completion to the Contractor;
- Control the trial operating periods (if any), performance tests and handing-over of the works to UNDP;
- Check all calculations for any outstanding amounts and issue Final Payment Certificate;
- Check and verify the Final Statement Account.

The Engineer will require from the Contractor the relevant tests (defined in related Conditions of Contract for Civil Works, Technical Specifications and any document referred to) within the Contract Period.

D.2.4 Ruling Regulations and Standards in the Works Tender Dossier

The Engineer shall know the Technical Specifications which shall be read and interpreted in conjunction with the documents which are part of the Works Tender Dossier (drawings, sketches, photographs, surveys, schedules, etc.) and the relevant standard descriptions of requirements to material and workmanship.

If not stated in the drawings and technical specifications, the rules of following specifications will regulate the construction:

- General Technical Specifications for Iron Works and Reinforcement
- General Technical Specifications for Concrete Works (TS.802)
- General Technical Specifications for Aggregates of Concrete
- General Technical Specifications for Cement (TS EN 206-1)
- General Technical Specifications for Excavation Works
- General Technical Specifications for Transportation
- Rules and Regulations of Designing the Concrete Structures (TS 500)
- DSI Technical Specifications For Dams -1991-
- Turkish Standards (TS 23, TS 24, TS 16, TS 26, TS 1247, TS 687, TS 3323)
- ASTM-American Society for Testing and Materials (ASTM-D-4318, ASTM-D 422, ASTM-C-31, ASTM-B-152 OF and ASTM-B-152 DHP)
- The Ministry of Public Works and Settlements and General Directorate of State Hydraulic Works

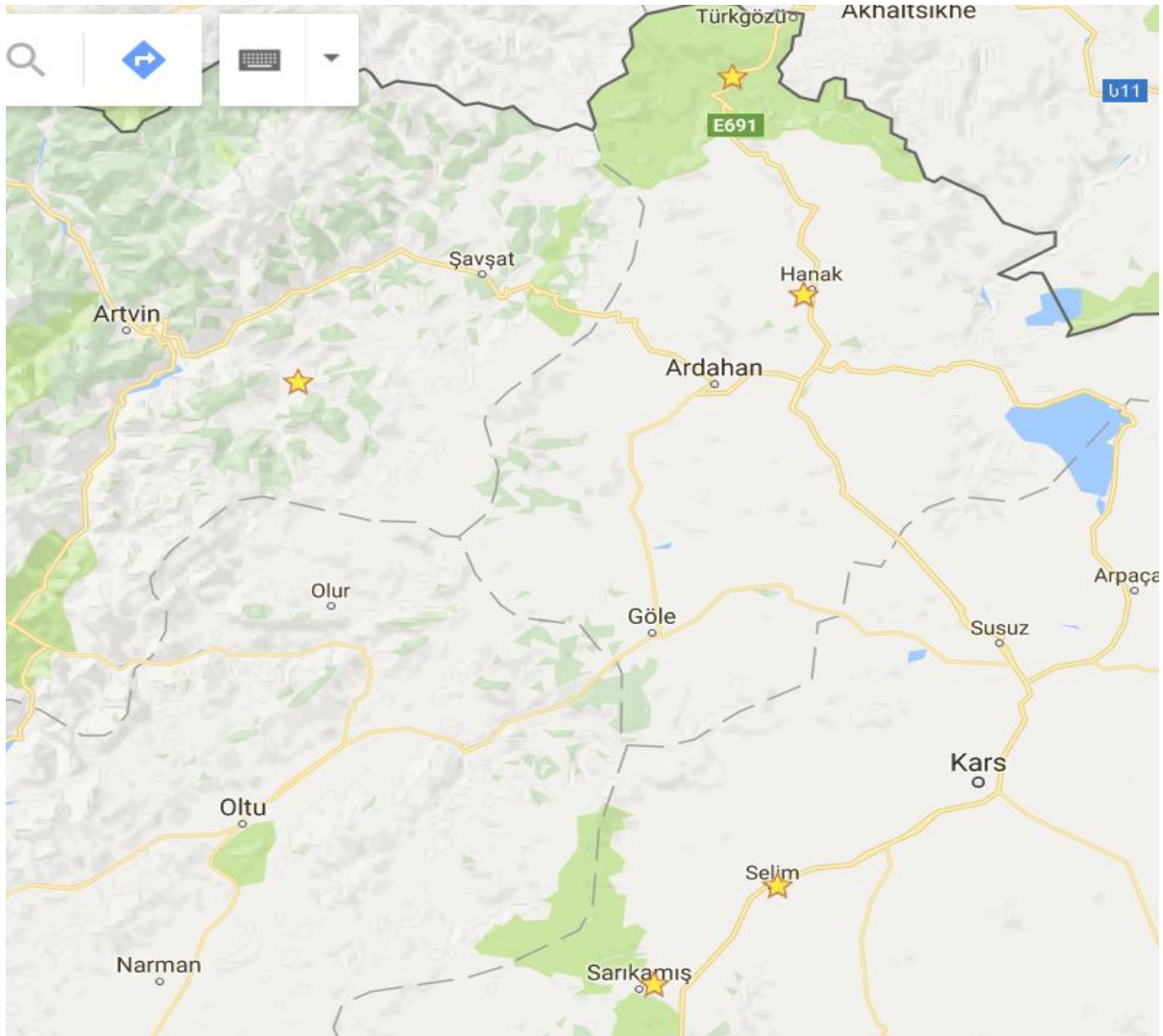
- General Technical Specifications of Turkish Electricity Distribution Company (TEDAŞ)

E LOGISTICS AND TIMING

E.1 Assignment Locations

For the locations of the Civil Works to be supervised by the Contractor please see:

- Artvin Ardanuç Hayvan Pazarı 41°06'53.3"N 42°04'39.7"E
- Ardahan Posof Hayvan Pazarı 41°30'20.2"N 42°43'43.9"E
- Ardahan Hanak Hayvan Pazarı 41°13'47.2"N 42°50'19.1"E
- Kars Selim Hayvan Pazarı 40°28'02.0"N 42°47'49.9"E
- Kars Sarıkamış Hayvan Pazarı 40°20'26.1"N 42°36'42.2"E



E.2 Assignment period

The Assignment is *envisaged* to start in October 2016, and be completed upon final acceptance of the all 3 Civil Works Packages. Each Civil Works Package has an estimated duration of construction, as indicated in the following table. The estimated durations of Civil Works Packages do include the non-working days due to inclement and unfavorable weather

conditions. Construction period ends with provisional acceptance. The time span between the provisional acceptance and final acceptance is 12 months, and is also referred to as the “Defects Liability Period”.

| Civil Works Packages | Estimated Date of Commencement of Construction | Estimated Duration of Construction |
|----------------------|--|------------------------------------|
| LOT 1 | October 2016 | 16 Months |
| LOT 2 | October 2016 | 16 Months |
| LOT 3 | October 2016 | 12 Months |

E.3 Facilities to be provided by the Contractor

The Contractor should provide the site managers, survey technicians and short-term experts with necessary equipment to fulfill their tasks and duties properly and timely.

F REPORTING

F.1 Inception Report

The Engineer will submit an Inception Report within 30 days after the commencement day. Inception Report should include identified problems and proposed mitigation measures, resources, management strategy, cost-control and quality-control strategies.

F.2 Progress Reports

Monthly Progress Reports shall be prepared in six copies at the beginning of every month during works implementation period. In case of urgency, ad hoc reports can also be submitted. The reports should describe the progress of the Assignment and shall be submitted at the first 10 days of every month.

The key issues to be addressed in the monthly report shall be safety, quality, work programme, resources, contract administration and cost control.

The Monthly Progress Report shall contain sections on cumulative progress achieved during the last reporting period, progress planned for the next reporting period, and any encountered problems and the proposed solutions. They must also include minutes of any meetings between the parties, any other special activity such that missions outside the project location, workshops, training seminars, press conferences etc. held regarding the project.

The value of completed works shall be presented in graphical form showing a comparison between actual and scheduled values (as per approved work programme) from commencement of the Works. Tabulated summaries of:

- Submittals of the Works Contractor and approvals of the Engineer;
- Site instructions issued to date;
- Change Orders issued to date;
- Claims notified by the Works Contractor,
- Interim Payment Certificates certified by the Engineer with the tabulation clearly showing the outstanding amount to be repaid of any advance (pre-financing) payment, and the amount of retention held;
- Other contractual issues such as claims made on the insurance policies.

The Monthly Progress Report shall also summarize the activities of the Supervision Team.

F.3 Works Completion Report

On completion of the Works Contract that is upon issuance of the Certificate of Substantial Completion, the Engineer shall submit a Completion Report. This main report shall contain:

- Copies of the Certificate of Substantial Completion,
- Verified “as-built” drawings showing all revisions to the design of the Works,
- A complete analysis of the completion cost of the Works,
- An overview of the actual progress of the Works detailing reasons for delays and/or extension of time,
- Details of all permits required for construction of the Works,
- An overview of site safety procedures, any problems in this regard and recommendations for improvement,
- An overview of the Contractor’s working practices and resources,
- An assessment of the quality of materials and workmanship. Any problems in this regard and recommendations for improvement,
- Details of technical and administrative difficulties encountered, and how these were overcome,
- An appraisal of the strength and weakness in the contract documents and in the design of the Works (including but not limited to the technical and material specifications, price schedules, design details and drawings) with recommendations on how improvements could be made for future contracts.

F.4 Quality Assurance Dossier

In addition to the Completion Report, the Engineer shall submit a comprehensive Quality Assurance (QA) Dossier containing all original requests for inspection, approvals, test forms and certificates relating to the construction of the works, and to the materials and plant incorporated into the works. Documentation in the QA Dossier shall include but not necessarily be restricted to:

- All manufacturers test certificates for materials,
- Performance test certificates and warranty agreements where applicable for mechanical and electrical plant,
- Requests for inspection, approvals and test results for;
- Earthworks (grading, indicators, compaction etc.),
- Concrete (aggregates, mix designs, strength, formwork, reinforcement etc.),
- Pipe-works (trenching, bedding, backfilling, protective coatings, tests etc.).

The QA Dossier shall be compiled during the course of the Works, and it shall be available for inspection by the Employer (UNDP) at any reasonable time.

G REQUIREMENTS

G.1 Personnel

The Contractor (Engineer) shall provide adequate staff in terms of expertise and time allocation as well as needed equipment in order to complete the activities required under the scope of the Assignment and to achieve the overall and the specific objectives of the Assignment in terms of time, costs and quality.

In the staff planning for supervision of the Works Contract, the Engineer shall secure that the construction sites are permanently staffed with the relevant key and non-key personnel at any time during the construction phase.

The list of experts and their indicative durations for the required services are shown in the following table:

| Personnel | Estimated Number of Working/Days until Provisional Acceptance | | | Estimated Number of Working/Days between Provisional and Final Acceptance | | | Estimated Total Number of Working/Days |
|--|---|-------|-------|---|-------|-------|--|
| | LOT 1 | LOT 2 | LOT 3 | LOT 1 | LOT 2 | LOT 3 | |
| Key Personnel | | | | | | | |
| Project Coordinator(Civil Engineer)* | 130 | 130 | 90 | 6 | 6 | 3 | 365 |
| Mechanical Engineer * | 30 | 30 | 20 | 4 | 4 | 2 | 90 |
| Electrical Engineer* | 40 | 40 | 20 | 4 | 4 | 2 | 110 |
| Survey/Topographical Engineer* | 60 | 60 | 30 | 2 | 2 | 1 | 155 |
| Non-key Personnel | | | | | | | |
| Civil Technician / Construction Technician for CWP 1 | 350 | 0 | 0 | 0 | 0 | 0 | 350 |
| Civil Technician / Construction Technician for CWP 2 | 0 | 350 | 0 | 0 | 0 | 0 | 350 |
| Civil Technician / Construction Technician for CWP 3 | 0 | 0 | 250 | 0 | 0 | 0 | 250 |
| Short-term Experts | 70 | | | 15 | | | 85 |

*** The same Project Coordinator (Civil Engineer), Mechanical Engineer, Electrical Engineer and Survey/Topographical Engineer will serve all 3 LOTs (CWPs)**

Contractor's personnel (i.e. experts to be mobilized by the Contractor to deliver the Assignment) that have a crucial role in implementing the contract are referred to as key personnel. CVs, copies of diplomas, and relevant certifications of key personnel should be included in the Technical Proposal.

For each personnel a brief job description is also provided. The Offerors are strongly encouraged to detail these job descriptions in their technical proposals to include the division of labor, reporting and coordination lines etc.

G.1.1 Project Coordinator (Civil Engineer)

The Project Coordinator shall be in charge of management of the entire project, including but not limited to, allocation of tasks, liaison with the counterparts, financial management and reporting and other tasks as required. The Project Coordinator will attend to the biweekly meetings to be held in Ankara with designated UNDP and MFAL staff.

| | Minimum Requirements | Assets |
|--------------------------------|--|--|
| General Qualifications | <ul style="list-style-type: none"> University degree in civil engineering Fluency in English and in Turkish Computer literacy | <ul style="list-style-type: none"> Advanced degree in civil engineering and/or management |
| Professional Experience | <ul style="list-style-type: none"> At least 15 years of general professional experience | <ul style="list-style-type: none"> More than 20 years of general professional experience |

| | Minimum Requirements | Assets |
|----------------------------|---|--|
| Specific Experience | <ul style="list-style-type: none"> • At least 10 years experience in design, supervision and/or management of construction works • At least 5 years of experience in design, supervision and/or management of construction of water structures (dams, ponds, irrigation schemes, sewer systems etc.) • Experience at least 3 years in international supervision contracts, based on international procedures & conditions such as World Bank, PRAG of EU, FIDIC Conditions of Contract • Experience as the project coordinator and/or team leader in at least 1 international supervision contract, based on international procedures & conditions such as World Bank, PRAG of EU, FIDIC Conditions of Contract | <ul style="list-style-type: none"> • More than 15 years experience in design, supervision and/or management of construction works • More than 10 yrs of experience in design, supervision and/or management of construction of water structures (dams, ponds, irrigation schemes, sewer systems etc.) • Five or more years of experience in international supervision contracts, based on international procedures & conditions such as World Bank, PRAG of EU, FIDIC Conditions of Contract • Experience as the project coordinator and/or team leader of 3 or more international supervision contract, based on international procedures & conditions such as World Bank, PRAG of EU, FIDIC Conditions of Contract |

G.1.2 Mechanical Engineer

| | Minimum Requirements | Assets |
|--------------------------------|---|---|
| General Qualifications | <ul style="list-style-type: none"> • University degree in mechanical engineering • Fluency in Turkish • Computer literacy | <ul style="list-style-type: none"> • Advanced degree in mechanical engineering and/or management |
| Professional Experience | <ul style="list-style-type: none"> • At least 10 years of general professional experience | <ul style="list-style-type: none"> • More than 15 years of general professional experience |
| Specific Experience | <ul style="list-style-type: none"> • At least 7 years experience in design, supervision and/or management of construction works • Experience as mechanical engineer in at least one supervision contract concerning construction of super structures, | <ul style="list-style-type: none"> • More than 10 years experience in design, supervision and/or management of construction works • Experience as mechanical engineer in 3 or more supervision contracts concerning construction of super structures, |

G.1.3 Electrical Engineer

Electrical Engineer shall be in charge of management of the Work Packages, including but not limited to monitoring closely the progress and quality of the Works, maintaining records,

measurements and location of completed works with details of any deviation from the contract documents (i.e. drawings, technical specifications etc.), witness tests of construction materials carried out by the Contractor, instruct additional tests when deemed necessary, instruct additional tests and keep records of the results, ensure all projects are completed according to planned schedules, UNDP policy and production standards.

| | Minimum Requirements | Assets |
|--------------------------------|---|--|
| General Qualifications | <ul style="list-style-type: none"> • University degree in electrical engineering • Fluency in Turkish • Computer literacy | <ul style="list-style-type: none"> • Advanced degree in electrical engineering and/or management |
| Professional Experience | <ul style="list-style-type: none"> • At least 10 years of general professional experience | <ul style="list-style-type: none"> • More than 15 years of general professional experience |
| Specific Experience | <ul style="list-style-type: none"> • At least 7 years experience in design, supervision and/or management of construction works • Experience as site manager in at least one supervision contract concerning construction of superstructures, | <ul style="list-style-type: none"> • More than 10 years experience in design, supervision and/or management of construction works • Experience as site manager in 3 or more supervision contracts concerning construction of super structures, |

G.1.4 Survey/Topographical Engineer

The Survey/Topographical Engineer shall be in charge of assist in making field drawings, measurements and calculations by setting up, adjusting and operating a variety of survey instruments to perform preliminary, control, monument, construction, topographic and related surveys.; Maintain detailed, accurate, orderly and legible field notes and records of survey work performed including lines, angles, distances, benchmarks and mathematical calculations, Perform necessary calculations to facilitate construction surveys of approved engineering drawings, ensures all projects are completed according to plan schedules, UNDP policy and production standards.

| | Minimum Requirements |
|--------------------------------|--|
| General Qualifications | <ul style="list-style-type: none"> • University degree in Survey/Topographical Engineer, • Fluency in Turkish • Computer literacy |
| Professional Experience | <ul style="list-style-type: none"> • At least 7 years of general professional experience |
| Specific Experience | <ul style="list-style-type: none"> • At least 5 years experience in supervision, measurement and surveying |

G.1.5 Civil Technician/Construction Technician for CWP 1, CWP 2 and CWP 3, (3)

| | Minimum Requirements |
|-------------------------|--|
| General Qualifications | <ul style="list-style-type: none">• University degree in Survey/Topographical Engineer,• Fluency in Turkish• Computer literacy |
| Professional Experience | <ul style="list-style-type: none">• At least 7 years of general professional experience |
| Specific Experience | <ul style="list-style-type: none">• At least 5 years experience in supervision, measurement and surveying |

The Contractor will submit, for UNDP's approval, CVs of the survey technicians within at most one week after signature of contract with UNDP. Survey technicians will be mobilized by the Contractor (Engineer) within at most two weeks after signature of contract with UNDP.

G.1.6 Short-term Experts

Short-term experts will be mobilized as needed for tasks, requiring specialized inputs throughout 16 month contract period plus 12 months defects liability period of subject construction works. . Short-term experts may be civil engineers, mechanical engineers, electrical engineers, agricultural engineers, quantity/cost estimators etc.

Mobilization of short-term experts is subject to Employer's (UNDP) approval. Request for mobilization of short-term experts shall be submitted to UNDP at least 15 days in advance of the expected date of mobilization of short-term experts. Such requests shall include a) justification for the request, b) job description of the short-term expert, c) number of working/days, and d) CV of the short-term expert.

G.1.7 Support Staff and Backstopping

The Contractor (Engineer) is fully responsible to mobilize support staff as may be needed for successful and timely completion of the Contract. The cost of backstopping and support staff (for instance, including but not limited to the support staff that will work with the survey technicians during measurements, surveying etc.) must be included in the daily rates of the experts and hence in the Contact Price.

G.2 Office Space

The works contractors will provide the Contractor (Engineer) with office space at the construction sites with electricity and water.

The works contractors are not obliged to provide any office furniture and/or IT equipment or communication utilities at the disposal of the Contractor (Engineer). Such costs should be borne by the Contractor (Engineer), and are assumed to be included in the fee rates of the supervision teams.

G.3 Travel and Accommodation

Travel and accommodation (and living) costs of the Contractor's personnel are assumed to be included in the fee rates. No additional payments will be made for such expenses by UNDP during the execution of the Contract. The Contractor (Engineer) should also include in the fee rates of the expenses for the cost for rent/lease of two vehicles and running expenses for the mobilization in between construction sites.

Section 4: Proposal Submission Form⁴

[insert: Location]

[insert: Date]

To: [insert: Name and Address of UNDP focal point]

Dear Sir/Madam:

We, the undersigned, hereby offer to provide professional services for [insert: title of services] in accordance with your Request for Proposal dated [insert: Date] and our Proposal. We are hereby submitting our Proposal, which includes the Technical Proposal and Financial Proposal sealed under a separate envelope.

We hereby declare that :

- a) All the information and statements made in this Proposal are true and we accept that any misrepresentation contained in it may lead to our disqualification;
- b) We are currently not on the removed or suspended vendor list of the UN or other such lists of other UN agencies, nor are we associated with, any company or individual appearing on the 1267/1989 list of the UN Security Council;
- c) We have no outstanding bankruptcy or pending litigation or any legal action that could impair our operation as a going concern; and
- d) We do not employ, nor anticipate employing, any person who is or was recently employed by the UN or UNDP.

We confirm that we have read, understood and hereby accept the Terms of Reference describing the duties and responsibilities required of us in this RFP, and the General Terms and Conditions of UNDP's Contract for Professional Services.

We agree to abide by this Proposal for 60 Days. We undertake, if our Proposal is accepted, to initiate the services not later than the date indicated in the Data Sheet.

We fully understand and recognize that UNDP is not bound to accept this proposal, that we shall bear all costs associated with its preparation and submission, and that UNDP will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the evaluation.

We remain,
Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Contact Details :

[please mark this letter with your corporate seal, if available]

⁴ No deletion or modification may be made in this form. Any such deletion or modification may lead to the rejection of the Proposal.

Section 5: Documents Establishing the Eligibility and Qualifications of the Proposer

Proposer Information Form⁵

Date: [insert date (as day, month and year) of Proposal Submission]

RFP No.: UNDP-TUR-RFP-PROJ(AKADP)-2016/10

Page _____ of _____ pages

| | | |
|---|---------------------------------|---------------------------------------|
| 1. Proposer's Legal Name <i>[insert Proposer's legal name]</i> | | |
| 2. In case of Joint Venture (JV), legal name of each party: <i>[insert legal name of each party in JV]</i> | | |
| 3. Actual or intended Country/ies of Registration/Operation: <i>[insert actual or intended Country of Registration]</i> | | |
| 4. Year of Registration: <i>[insert Proposer's year of registration]</i> | | |
| 5. Countries of Operation | 6. No. of staff in each Country | 7. Years of Operation in each Country |
| 8. Legal Address/es in Country/ies of Registration/Operation: <i>[insert Proposer's legal address in country of registration]</i> | | |
| 9. Value and Description of Top three (3) Biggest Contract for the past five (5) years | | |
| 10. Latest Credit Rating (if any) | | |
| 11. Brief description of litigation history (disputes, arbitration, claims, etc.), indicating current status and outcomes, if already resolved. | | |
| 12. Proposer's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's name]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's name]</i> Email Address: <i>[insert Authorized Representative's name]</i> | | |
| 13. Are you in the UNPD List 1267.1989 or UN Ineligibility List ? <input type="checkbox"/> YES or <input type="checkbox"/> NO | | |
| 14. Attached are copies of original documents of: <input type="checkbox"/> All eligibility document requirements listed in the Data Sheet <input type="checkbox"/> If case of Government corporation or Government-owned/controlled entity, documents establishing legal and financial autonomy and compliance with commercial law. | | |

⁵ The Proposer shall fill in this Form in accordance with the instructions. Apart from providing additional information, no alterations to its format shall be permitted and no substitutions shall be accepted.

Section 6: Technical Proposal Form

The forms in the following pages have been prepared to facilitate Offerors' submission. They should be attached to the relevant part of the technical proposal as explained in Clauses of the Instructions to Offerors.

Note the followings

- Unless otherwise noted, all forms should be printed on company letterhead,
- Unless otherwise noted, all forms should be signed by the authorized representative of the Offeror, dated and stamped,
- Where applicable, information provided by the Offeror should be supplemented with supporting documents that substantiate the information to be provided in the forms. Such forms are marked with asterisk (*) in the following list. Additional information is provided within the forms.

Prior to award of contract UNDP may request notarized copies of certain documents. Notarization costs are considered to be associated with the preparation and submission of the Proposal, hence are to be treated in accordance with Clauses of the Instructions to Offerors. Failure to provide notarized copies of the documents as requested by UNDP may lead to disqualification.

Further guidance is provided below.

H STATEMENT OF DECLARATION

The standard text of "Statement of Declaration" should be used by all Offerors. The address of the Offeror to be indicated in the "Statement of Declaration" will be used by UNDP to send formal notifications to the Offeror.

I FORM 1.1.1: OFFEROR INFORMATION SHEET *

The Offeror Information Sheet should be completed, and the following documents shall be attached to the Offeror Information Sheet:

- Notarized copy of the document(s) (e.g. trade registration gazette or equivalent etc.) that prove(s) the constitution of the Offeror.
- Notarized copy of the document(s) (e.g. trade registration gazette or equivalent etc.) that demonstrate(s) change(s) (i.e. title, address, shareholding structure) and current status of the Offeror.
- Signature Circular and/or Power of Attorney, demonstrating authority to sign on behalf of the Applicant, certified by the notary public.
- Notarized copy of a relevant and internationally recognized quality control/assurance certification

J FORM 1.1.4: NON-PERFORMANCE & LITIGATION HISTORY:

Form 1.1.4 should be completed, based on all information on fully settled disputes or litigation. A fully settled dispute or litigation is one 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. Add rows to the tables in Form 1.1.4, as applicable.

K FORM 1.2.1: SINGLE SIMILAR WORK EXPERIENCE *

Form 1.2.1 should be completed. Form 1.2.1 should be supplemented with document(s), such as contract, client letter, service completion certificate etc., that substantiate the information to be provided in the said form by the Offeror.

If the contract of the referenced work experience is denominated in a currency other than the TRY, such currency should be converted into the TRY by using the United Nations Operational Rate of Exchange (UN OPEX) prevailing at the date of contract signature. UN OPEX rates can be reached at <https://treasury.un.org/operationalrates/OperationalRates.php>

If the contract of the references work experience is amended to decrease and/or increase the contract value, such modifications should be reflected by using the United Nations Operational Rate of Exchange (UN OPEX) prevailing at the date of contract amendment(s).

Below is an example:

| | | |
|--|------------------|------------------|
| Date of contract signature | 1 September 2012 | |
| Contract Currency | USD | |
| Contract Amount | 1.000.000 | A |
| UN OPEX prevailing at the Date of contract signature | 1,826 | B |
| Contract Amount in USD | 1.826.000 TRY | $C = A \times B$ |
| Date of contract amendment | 1 November 2014 | |
| Amendment currency | USD | |
| Amendment amount | + 100.000 | D |
| UN OPEX prevailing at the Date of contract amendment | 2,209 | E |
| Amendment amount in USD | +220.900 | $F = D \times E$ |
| Contract Amount to be indicated in the Form | 2.046.900 TRY | $G = C + F$ |

L FORM 1.2.2: SIMILAR WORK EXPERIENCE*

Form 1.2.2 should be replicated and completed for each of the referenced similar work experience. Form 1.2.2 should be supplemented with document(s), such as contract, client letter, service completion certificate etc., that substantiate the information to be provided in the said form by the Offeror.

Note that the explanations (calculation of contract amount) provided above for Form 1.2.1 apply to Form 1.2.2 as well.

M FORM 1.3: FINANCIAL STRENGTH*

Form 1.3.1 should be completed, and balance sheets and income statements (certified by accountant and/or the tax authority) for Year 2013, Year 2014 and Year 2015 shall be attached. If the financial statements (balance sheets and income statements) are denominated in a currency other than the TRY the following exchange rate and guidance shall be used.

In order to arrive to the TRY values, the following conversion rates need to be used. If the subject matter currency (i.e. the currency of the work completion certificate, income statement etc.) is other than US Dollars (USD) or Euro (EUR), the conversion shall be done by using the United Nations Operational Rate of Exchange (UN OPEX) prevailing at the date of contract signature. UN OPEX rates

can be reached at <https://treasury.un.org/operationalrates/OperationalRates.php>

Last announced rate for the relevant year should be used.

N FORM 2.2.3: TIME PLAN

Form 2.2.3 shall be completed.

O FORM 2.2.4: RESOURCE SCHEDULE

Form 2.2.4 shall be completed.

P FORM 3.1: LIST OF PROPOSED KEY PERSONNEL

Form 3.1 shall be completed.

Q FORM 3.2: CV TEMPLATE FOR PROPOSED KEY PERSONNEL *

The CV template provided in Form 3.2 shall be used. Note that the CVs should be undersigned both by the authorized representative of the Offeror and the proposed key personnel. Notarized copies of the diplomas of the proposed key personnel should be attached. Copies of relevant certificates, memberships to occupational bodies etc. shall also be attached.

STATEMENT OF DECLARATION

RFP No. and title: [insert RFP reference code and title]

To: UNDP

Birlik Mah. Katar Cad. No:11

Çankaya, Ankara, 06610, Turkey

We, the undersigned, submit our Proposal the referenced RFP and declare that:

- We have examined and have no reservations to the RFP including any Addendum (or Addenda to same effect), issued by the procuring UNDP entity in accordance with Instructions to Applicants
- We understand that you may cancel the RFP process at any time and that you are neither bound to accept any proposal that you may receive, without incurring any liability to the Offerors.
- We are not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Employer to provide consulting services for the preparation of the RFP, and/or services for design and construction of the civil work packages, defined in (Terms of Reference) of the RFP,
- As of the date of this statement of declaration, we are not in the circumstances of disqualification or restriction set forth in the last paragraph of Article 10 of Law No. 4734 (or as per the relevant laws of the country in which we operate) and we are not in the circumstances of those that cannot participate in the procurement as per Article 11 of the same Law (or as per the relevant laws of the country in which we operate). If any change occurs in this case declared, we undertake to notify the UNDP the Contracting Entity promptly.
- The following information shall be used by UNDP to notify us:

| | |
|----------|---|
| Name | [insert full name of the person] |
| Title | [insert full title of the person] |
| Address: | [insert notification address] |
| Tel: | [insert telephone number, including country & area codes] |
| Fax: | [insert fax number, including country & area codes] |

As shall be substantiated by UNDP by documents, comprising our proposal, and in order to facilitate completion of Evaluation Stage 1, we declare that:

We have been legally established in [indicate year of establishment],

We have [indicate the number of staff currently working for the Offeror in fields related to this contract] permanent staff currently working for us in fields related to this contract, five of which is listed in the following table:

| | Name, Last Name | Position | Field of Expertise | Employed Since |
|---|------------------------|------------------------|------------------------|----------------|
| 1 | [complete accordingly] | [complete accordingly] | [complete accordingly] | [month/year] |
| 2 | [complete accordingly] | [complete accordingly] | [complete accordingly] | [month/year] |

| | | | | |
|---|------------------------|------------------------|------------------------|--------------|
| 3 | [complete accordingly] | [complete accordingly] | [complete accordingly] | [month/year] |
| 4 | [complete accordingly] | [complete accordingly] | [complete accordingly] | [month/year] |
| 5 | [complete accordingly] | [complete accordingly] | [complete accordingly] | [month/year] |

We have participated as contractor, in at least two construction supervision contracts, in 2010 or later, employer or contracting authority of which are international organizations or the source of funds of which are international organizations, with the employer deploying the procurement rules and regulations of donor/financier international organization, as demonstrated in the following table:

| Reference Work | Year of Completion | Employer | Financier/Donor |
|------------------------|------------------------|------------------------|------------------------|
| [complete accordingly] | [complete accordingly] | [complete accordingly] | [complete accordingly] |
| [complete accordingly] | [complete accordingly] | [complete accordingly] | [complete accordingly] |

We have participated as contractor or subcontractor, in at least 1 single contract, in 2006 or later, with a value of at least 600.000 TRY (Six-hundred-thousand), carried out by us that has been successfully and substantially completed, and that concerns supervision, which may include design, of civil works, as demonstrated in the following table:

| Reference Work | Year of Completion | Value of Contract (USD) | Proportional Carried Out by the Offeror (%) |
|------------------------|------------------------|-------------------------|---|
| [complete accordingly] | [complete accordingly] | [complete accordingly] | [complete accordingly] |

We have participated as contractor or subcontractor, to contracts, in 2010 or later, with a total value of at least 2.000.000 TRY (two-million), carried out by the Offeror, that have been successfully and substantially completed, and that concern supervision, which may include design, of civil works.

| Reference Work | Year of Completion | Value of Contract (USD) | Proportional Carried Out by the Offeror (%) |
|------------------------|------------------------|-------------------------|---|
| [complete accordingly] | [complete accordingly] | [complete accordingly] | [complete accordingly] |
| [complete accordingly] | [complete accordingly] | [complete accordingly] | [complete accordingly] |
| [complete accordingly] | [complete accordingly] | [complete accordingly] | [complete accordingly] |
| [complete accordingly] | [complete accordingly] | [complete accordingly] | [complete accordingly] |

We have an average current ratio (current assets/current liabilities) of [indicate average current ratio for 2013, 2014 and 2015] for 2013, 2014 and 2015 and a current ratio [indicate current ratio for 2015] in 2015.

We have an average annual turnover of [indicate annual average turnover for 2013, 2014 and 2015] for 2013, 2014 and 2015 or an annual turnover of [indicate annual turnover for 2015] in 2015.

Best regards,

Signed [insert signature(s) of an authorized representative(s) of the Offeror]

Name [insert full name of person signing the proposal]

In the Capacity of [insert capacity of person signing the application]

Duly authorized to sign the application for and on behalf of: [insert full name of Offeror]

Dated on [insert day number] day of [insert month], [insert year]

FORM 1.1.1: OFFEROR INFORMATION SHEET

| No | Subject | Explanation |
|----|--|--|
| 1 | Legal Name | |
| 2 | Country of Registration | |
| 3 | Year of Registration | |
| 4 | Legal address in the country of registration | Address: Tel: Fax: |
| 5 | Authorized Representative Information | Name: Title: Address: Tel: Fax: Email: |
| 6 | Certificates demonstrating Quality Assurance/Control Mechanism/System in place | |
| 7 | Attachment(s) | (i) Notarized copy of the document(s) (e.g. trade registration gazette or equivalent etc.) that prove(s) the constitution of the Company named as the Offeror, above. (ii) Notarized copy of the document(s) (e.g. trade registration gazette or equivalent etc.) that demonstrate(s) change(s) (i.e. title, address, shareholding structure) and current status of the Company, named as the Offeror, above. (iii) Signature Circular and/or Power of Attorney, demonstrating authority to sign on behalf of the Offeror, certified by the notary public. (iv) Notarized copy of a relevant and internationally recognized quality control/assurance certification |

FORM 1.1.4: HISTORY OF NON-PERFORMANCE & LITIGATION

RFP No. and title: [insert RFP reference code and title]

To: UNDP

Birlik Mah. Katar Cad. No:11

Çankaya, Ankara, 06610, Turkey

We, the undersigned, confirm that following information is correct and reflects our company's history of non-performance and litigation in the last five years (2010 - 2016):

Non-performing Contracts:

☐ Contract non-performance did not occur during the last 5 years

☐ Contract non-performance occurred during the last 5 years

| | Year | Outcome as % of Total Assets | Contract Identification | Total Contract Value (USD, Equivalent) |
|--|------|------------------------------|---|--|
| | | | <i>Contract Identification: Name of Employer: Address of Employer: Matter in dispute:</i> | |

Litigation History

☐ No litigation history

☐ Litigation history

| | Year | Outcome as % of Total Assets | Contract Identification | Total Contract Value (USD, Equivalent) |
|--|------|------------------------------|---|--|
| | | | <i>Contract Identification: Name of Employer: Address of Employer: Matter in dispute:</i> | |

Best regards,

Signed [insert signature(s) of an authorized representative(s) of the Offeror]

Name [insert full name of person signing the proposal]

In the Capacity of [insert capacity of person signing the application]

Duly authorized to sign the application for and on behalf of: [insert full name of Offeror]

Dated on [insert day number] day of [insert month], [insert year]

FORM 1.2.1: SINGLE SIMILAR WORK EXPERIENCE

| Ref No: ... | Project title | | | | |
|--|---|--|---|--|-----------------------|
| Award Date (MM/YYYY) | Completion Date (MM/YYYY) ¹ | Role in Contract (contractor OR sub-contractor) | Total Contract Amount (USD) ² | Proportion of the total contract amount carried out by the Offeror (%) ³ | Employer ⁴ |
| | | | | | |
| Detailed description of project ⁵ | | | Type of services provided ⁶ | | |
| | | | | | |

Notes

| | |
|----------|--|
| 1 | Referenced work should have been completed or substantially completed in 2010 or later |
| 2 | Please indicate the conversion rate, used to arrive to the TRY amount, if applicable |
| 3 | Proportion (%) of the total contract amount, carried out by the Offeror, shall be the basis of evaluation together with the amount of contract |
| 4 | If the employer is an international organization additional points may be obtained. If the employer is not an international organization but the reference work has been financed by an international organization and the procurement and contractual rules of the concerned international organization have been used, additional points may be obtained. |
| 5 | Similar work experience: Referenced work should concern supervision of construction of superstructures (e.g. steel (columns, beams) and reinforced concrete structures etc.). If the referenced work concern supervision of superstructures (e.g. Livestock Market, etc.) additional points may be obtained. The referenced work may include design services in addition to supervision. |
| 6 | Types of services provided should generally be comparable to the services defined in the Terms of Reference of the present RFP. |

Please, sign (by authorized representative of the Offeror), date and stamp

FORM 1.2.2: SIMILAR WORK EXPERIENCE

| Ref No ¹ : ... | Project title | | | | |
|--|---|--|---|--|-----------------------|
| Award Date (MM/YYYY) | Completion Date (MM/YYYY) ² | Role in Contract (contractor OR sub-contractor) | Total Contract Amount (USD) ³ | Proportion of the total contract amount carried out by the Offeror (%) ⁴ | Employer ⁵ |
| | | | | | |
| Detailed description of project ⁶ | | | Type of services provided ⁷ | | |
| | | | | | |

Notes

| | |
|---|--|
| 1 | A maximum of 10 references should be provided. Replicate this form for each referenced work. |
| 2 | Referenced work should have been completed in 2010 or later |
| 3 | Please indicate the conversion rate, used to arrive to the TRY amount, if applicable |
| 4 | Proportion (%) of the total contract amount, carried out by the Offeror, shall be the basis of evaluation together with the amount of contract |
| 5 | If the employer is an international organization additional points may be obtained. If the employer is not an international organization but the reference work has been financed by an international organization and the procurement and contractual rules of the concerned international organization have been used, additional points may be obtained. |
| 6 | Similar work experience: Referenced work should concern supervision of construction of superstructures (e.g. steel (columns, beams) and reinforced concrete structures etc.). If the referenced work concern supervision of superstructures (e.g. Livestock Market, etc.) additional points may be obtained. The referenced work may include design services in addition to supervision. |
| 7 | Types of services to be provided should generally be comparable to the Terms of Reference of the present RFP. |

Please, sign (by authorized representative of the Offeror), date and stamp

FORM 1.3: FINANCIAL STRENGTH

RFP No. and title: [insert RFP reference code and title]

To: UNDP

Birlik Mah. Katar Cad. No:11

Çankaya, Ankara, 06610, Turkey

We, the undersigned, confirm that following information is correct and reflects our company's financial situation.

| | 2013 | 2014 | 2015 | Average |
|---------------------|------|------|------|---------|
| Turnover (TRY)* | | | | |
| Current Assets | | | | |
| Current Liabilities | | | | |
| Current Ratio* | | | | |

Best regards,

Signed [insert signature(s) of an authorized representative(s) of the Offeror]

Name [insert full name of person signing the proposal]

In the Capacity of [insert capacity of person signing the application]

Duly authorized to sign the application for and on behalf of: [insert full name of Offeror]

Dated on [insert day number] day of [insert month], [insert year]

FORM 2.2.3: TIME PLAN

| | Month 1 | | | | Month 2 | | | | Month 3 | | | | ... | ... | | | | |
|---|---------|-----|-----|-----|---------|-----|-----|-----|---------|-----|-----|-----|-----|-----|--------------------------------------|--|--|--|
| Activities | W01 | W02 | W03 | W04 | W05 | W06 | W07 | W08 | W09 | W10 | W11 | W12 | ... | ... | | | | |
| 1... | | | | | | | | | | | | | | | Add months and weeks as necessary | | | |
| 1.1... | | | | | | | | | | | | | | | | | | |
| 1.2... | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | |
| Add lines for activities as necessary | | | | | | | | | | | | | | | | | | |
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| ... | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | |

- 1 Indicate all main activities of the assignment, including delivery of reports (e.g.: inception, interim, and final reports), and other benchmarks such as Client approvals. For phased assignments indicate activities, delivery of reports, and benchmarks separately for each phase.
- 2 Duration of activities shall be indicated in the form of a bar chart.

FORM 2.2.4: RESOURCE SCHEDULE

[illegible]

| | | Months | | | | | | | | | | | | Total |
|----------------------|--------------|--------|----|----|----|----|--|--|--|--|--|--|----------|-------|
| | | 01 | 02 | 03 | 04 | 05 | | | | | | | <i>n</i> | |
| Technician for CWP 3 | Home | | | | | | | | | | | | | |
| | Field | | | | | | | | | | | | | |
| Short-term Experts | Total | | | | | | | | | | | | | |
| | Home | | | | | | | | | | | | | |
| | Field | | | | | | | | | | | | | |

Indicate number of working/days to be invested by each key personnel, non-key personnel and short-term experts.

If working/days are envisaged to be delivered at home base of the Offeror, justifications should be provided in the Technical Proposal.

FORM 3.1: LIST OF PROPOSED KEY PERSONNEL

RFP No. and title: [insert RFP reference code and title]

To: UNDP

Birlik Mah. Katar Cad. No:11

Çankaya, Ankara, 06610, Turkey

We, the undersigned, propose to commit the following key personnel for performance of the tasks stipulated in the Terms of Reference. We also commit to mobilize the non-key personnel, minimum qualifications of whom have been indicated in the Terms of Reference.

| | Name, Last Name | Educational Degree | Area of Expertise | Years of Professional Experience |
|--------------------------------------|------------------------|---------------------------|--------------------------|---|
| Project Coordinator (Civil Engineer) | | | | |
| Mechanical Engineer | | | | |
| Electrical Engineer | | | | |
| Survey/Topographical Engineer | | | | |

Best regards,

Signed [insert signature(s) of an authorized representative(s) of the Offeror]

Name [insert full name of person signing the proposal]

In the Capacity of [insert capacity of person signing the application]

Duly authorized to sign the application for and on behalf of: [insert full name of Offeror]

Dated on [insert day number] day of [insert month], [insert year]

FORM 3.2: CV TEMPLATE

1. Position: [Indicate proposed position, e.g. project coordinator, site manager etc.] _____

2. Name and Last Name _____

3. Education [Attach copies of diplomas]

University: _____

Year of Graduation: _____

Degree(s) Obtained: _____

University: _____

Year of Graduation: _____

Degree(s) Obtained: _____

4. Language: [rate on a scale of 1 to 5, 5 being excellent, or mother tongue]

Turkish _____

English _____

5. Computer Skills: [name software & rate on a scale of 1 to 5, 5 being advanced user]

5.1: _____

5.2: _____

5.3: _____

5.4: _____

6. Memberships: [list memberships to professional and/or occupational bodies]

6.1: _____

6.2: _____

6.3: _____

6.4: _____

7. Certificates: [list relevant certificates and attach copies of certificates]

7.1: _____

7.2: _____

7.3: _____

8. Employment Record: [Starting with present position, list in reverse order every employment, add/delete as necessary]

8.1: From [Year] _____ To [Year] _____

Employer: _____

Positions Held _____

8....: From [Year] _____ To [Year] _____

Employer: _____

Positions Held _____

8.n: From [Year] _____ To [Year] _____

Employer: _____

Positions Held _____

9. Specific Experience: [Starting with present position, list in reverse order every employment, add as necessary]

9.1: From [Year] _____ To [Year] _____

Name of the Project _____

Project financed by: _____

Client _____

Position/Role _____

Main Features of the Project _____

Activities Performed _____

9.2: From [Year] _____ To [Year] _____

Name of the Project _____

Project financed by: _____

Client _____

Position/Role _____

Main Features of the Project _____

Activities Performed _____

9....: From [Year] _____ To [Year] _____

Name of the Project _____

Project financed by: _____

Client _____

Position/Role _____

Main Features of the Project _____

Activities Performed _____

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Date:

Signature of the Proposed Personnel:

Section 7: Financial Proposal Form⁶

The Offeror is asked to prepare the Price Schedule in a separate envelope from the rest of the RFP response.

Bidders shall take into account the following issues, while preparing their bids; UN and its subsidiary organs are exempt from all taxes. Therefore bidders shall prepare their Price Schedule, excluding VAT. It is the bidders responsibility to learn from relevant authorities (such as 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 and Ministry of Finance's Communiqués in Turkey.

| Personnel/LOT | Unit | # of Units | Unit Rate (TRY) | Amount (TRY) |
|--|-------------|------------|-----------------|--------------|
| LOT 1 : Supervision for Rehabilitation of the Livestock Market in Selim District and Construction of Livestock Market in Sarıkamış District of Kars Province | Lump Sum | 1* | | |
| LOT 2: Supervision for Rehabilitation of the Livestock Market in Hanak District and Construction of Livestock Market in Posof District of Ardahan Province | Lump Sum | 1** | | |
| LOT 3): Supervision for Construction of Livestock Market in Ardauç District of Artvin province | Lump Sum | 1*** | | |
| Short-term Experts (Throughout contract and defects liability period) | Working/day | 45 | | |
| GRAND TOTAL | | | | |

Pls refer to Data Sheet clause 35 "Payment"

Dated this day /month of year

Signature

Duly authorized to sign Quotation for and on behalf of

(Name of Company)

Signature/Stamp of Entity/Date

Name of representative:

Address:

⁶ No deletion or modification may be made in this form. Any such deletion or modification may lead to the rejection of the Proposal.

* Price should include ; Project Coordinator (Civil Engineer), Mechanical Engineer, Electrical Engineer, Survey/Topographical Engineer, Civil Technician / Construction Technician for CWP1

** Price should include ; Project Coordinator (Civil Engineer), Mechanical Engineer, Electrical Engineer, Survey/Topographical Engineer, Civil Technician / Construction Technician for CWP2

*** Price should include ; Project Coordinator (Civil Engineer), Mechanical Engineer, Electrical Engineer, Survey/Topographical Engineer, Civil Technician / Construction Technician for CWP3

Section 8: FORM FOR PROPOSAL SECURITY

(This must be finalized 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 Contractor]* (hereinafter called “the Proposer”) has submitted a Proposal to UNDP dated [Click here to enter a date.](#), to execute Services (hereinafter called “the Proposal”):

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

- a) Fails to sign the Contract after UNDP has awarded it;
- b) Withdraws its Proposal after the date of the opening of the Proposals;
- c) Fails to comply with UNDP’s variation of requirement, as per RFP 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 Proposer such this Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Proposer, 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 Proposal 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

Date

Name of Bank

Address

Section 9: FORM FOR PERFORMANCE SECURITY⁷

(This must be finalized using the official letterhead of the Issuing Bank. Except for indicated fields, no changes may be made on this template)

(For information purposes only, will be requested from the successful contractor at the time of contract)

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

WHEREAS [name and address of Contractor] (hereinafter called “the Contractor”) has undertaken, in pursuance of Contract No. [Click here to enter text](#). dated [Click here to enter a date](#) , to execute Services (hereinafter called “the Contract”):

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract:

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

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, 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 Contract Price 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 until a date 30 days from the date of issue by UNDP of a certificate of satisfactory performance and full completion of services by the Contractor.

SIGNATURE AND SEAL OF THE GUARANTOR BANK

Date

Name of Bank

Address

⁷ If the RFP requires the submission of a Performance Security, which shall be made a condition to the signing and effectivity of the contract, the Performance Security that the Proposer’s Bank will issue shall use the contents of this template (For information purposes only, will be requested from the successful contractor at the time of contract)

Section 10: Contract for Professional Services

Date _____

Dear Sir/Madam,

Ref.: _____/_____/_____ **[INSERT PROJECT NUMBER AND TITLE OR OTHER REFERENCE]**

The United Nations Development Programme (hereinafter referred to as "UNDP"), wishes to engage your **[company/organization/institution]**, duly incorporated under the Laws of _____ **[INSERT NAME OF THE COUNTRY]** (hereinafter referred to as the "Contractor") in order to perform services in respect of _____ **[INSERT SUMMARY DESCRIPTION OF THE SERVICES]** (hereinafter referred to as the "Services"), in accordance with the following Contract:

1. Contract Documents

- 1.1 This Contract is subject to the UNDP General Conditions for Professional Services attached hereto as Annex I. The provisions of such Annex shall control the interpretation of this Contract and in no way shall be deemed to have been derogated by the contents of this letter and any other Annexes, unless otherwise expressly stated under section 4 of this letter, entitled "Special Conditions".
- 1.2 The Contractor and UNDP also agree to be bound by the provisions contained in the following documents, which shall take precedence over one another in case of conflict in the following order:
- a) this Letter;
 - b) the Terms of Reference [ref.dated.....], attached hereto as Annex II;
 - c) the Contractor's Proposal [ref....., dated]
 - d) The UNDP Request for Proposal [ref....., dated.....]
- 1.3 All the above shall form the Contract between the Contractor and UNDP, superseding the contents of any other negotiations and/or agreements, whether oral or in writing, pertaining to the subject of this Contract.

2. Obligations of the Contractor

- 2.1 The Contractor shall perform and complete the Services described in Annex II with due diligence and efficiency and in accordance with the Contract.
- 2.2 The Contractor shall provide the services of the following key personnel:

| <u>Name</u> | <u>Specialization</u> | <u>Nationality</u> | <u>Period of service</u> |
|-------------|-----------------------|--------------------|--------------------------|
|-------------|-----------------------|--------------------|--------------------------|

| | | | |
|------|-------|-------|-------|
| | | | |
| | | | |

- 2.3 Any changes in the above key personnel shall require prior written approval of _____ **[NAME and TITLE]**, UNDP.

- 2.4 The Contractor shall also provide all technical and administrative support needed in order to ensure the timely and satisfactory performance of the Services.
- 2.5 The Contractor shall submit to UNDP the deliverables specified hereunder according to the following schedule:

[LIST DELIVERABLES]

[INDICATE DELIVERY DATES]

e.g.

| | |
|-----------------|--------------|
| Progress report | ../..../.... |
| | ../..../.... |
| Final report | ../..../.... |

- 2.6 All reports shall be written in the English language, and shall describe in detail the services rendered under the Contract during the period of time covered in such report. All reports shall be transmitted by the Contractor by _____ **[MAIL, COURIER AND/OR FAX]** to the address specified in 9.1 below.
- 2.7 The Contractor represents and warrants the accuracy of any information or data provided to UNDP for the purpose of entering into this Contract, as well as the quality of the deliverables and reports foreseen under this Contract in accordance with the highest industry and professional standards.

3. Price and Payment

- 3.1 In full consideration for the complete and satisfactory performance of the Services under this Contract, UNDP shall pay the Contractor a fixed contract price of _____ **[INSERT CURRENCY & AMOUNT IN FIGURES AND WORDS]**.
- 3.2 The price of this Contract is not subject to any adjustment or revision because of price or currency fluctuations or the actual costs incurred by the Contractor in the performance of the Contract.
- 3.3 Payments effected by UNDP to the Contractor shall be deemed neither to relieve the Contractor of its obligations under this Contract nor as acceptance by UNDP of the Contractor's performance of the Services.
- 3.4 UNDP shall effect payments to the Contractor after acceptance by UNDP of the invoices submitted by the Contractor to the address specified in 9.1 below, upon achievement of the corresponding milestones and for the following amounts:

| <u>MILESTONE</u> | <u>AMOUNT</u> | <u>TARGET DATE</u> |
|------------------|---------------|--------------------|
| Upon..... | | ../..../.... |
| | | ../..../.... |

Invoices shall indicate the milestones achieved and corresponding amount payable.

- 3.5 Progress and final payments shall be effected by UNDP to the Contractor after acceptance of the invoices submitted by the Contractor to the address specified in 9.1 below, together with whatever supporting documentation of the actual costs incurred is required in the Breakdown of Costs or may be required by

UNDP. Such payments shall be subject to any specific conditions for reimbursement contained in the Breakdown of Costs.

4. Special conditions

- 4.1 The responsibility for the safety and security of the Contractor and its personnel and property, and of UNDP's property in the Contractor's custody, rests with the Contractor.
- 4.2 The advance payment to be made upon signature of the contract by both parties is contingent upon receipt and acceptance by UNDP of a bank guarantee for the full amount of the advance payment issued by a Bank and in a form acceptable to UNDP.
- 4.3 The amounts of the payments referred to under section 3.6 above shall be subject to a deduction of _____ **[INSERT PERCENTAGE THAT THE ADVANCE REPRESENTS OVER THE TOTAL PRICE OF THE CONTRACT]** % (... percent) of the amount accepted for payment until the cumulative amount of the deductions so effected shall equal the amount of the advance payment.
- 4.4 Owing to [...], Article(s) [...] of the General Conditions in Annex I shall be amended to read/be deleted.

5. Submission of invoices

- 5.1 An original invoice shall be submitted by mail by the Contractor for each payment under the Contract to the following address:
.....
- 5.2 Invoices submitted by fax shall not be accepted by UNDP.

6. Time and manner of payment

- 6.1 Invoices shall be paid within thirty (30) days of the date of their acceptance by UNDP. UNDP shall make every effort to accept an invoice or so advise the Contractor of its non-acceptance within a reasonable time from receipt.
- 6.2 All payments shall be made by UNDP to the following Bank account of the Contractor:

_____ **[NAME OF THE BANK]**

_____ **[ACCOUNT NUMBER]**

_____ **[ADDRESS OF THE BANK]**

7. Entry into force. Time limits.

- 7.1 The Contract shall enter into force upon its signature by both parties.
- 7.2 The Contractor shall commence the performance of the Services not later than _____ **[INSERT DATE]** and shall complete the Services within _____ **[INSERT NUMBER OF DAYS OR MONTHS]** of such commencement.
- 7.3 All time limits contained in this Contract shall be deemed to be of the essence in respect of the performance of the Services.

8. Modifications

- 8.1 Any modification to this Contract shall require an amendment in writing between both parties duly signed by the authorized representative of the Contractor and _____ **[NAME AND TITLE]** UNDP.

9. Notifications

For the purpose of notifications under the Contract, the addresses of UNDP and the Contractor are as follows:

| <u>For the Contractor:</u> | <u>For the UNDP:</u> |
|--|--|
| Name Designation Address Tel. No. Fax. No. Email address: | Name Designation Address Tel. No. Fax. No. Email address: |

If the above terms and conditions meet with your agreement as they are typed in this letter and in the Contract Documents, please initial every page of this letter and its attachments and return to this office one original of this Contract, duly signed and dated.

Yours sincerely,

[INSERT NAME AND DESIGNATION]

For **[INSERT NAME OF THE COMPANY/ORGANIZATION]**

Agreed and Accepted:

Signature _____

Name: _____

Title: _____

Date: _____



UNDP GENERAL CONDITIONS OF CONTRACT FOR SERVICES

1.0 LEGAL STATUS:

The Contractor shall be considered as having the legal status of an independent contractor vis-à-vis the United Nations Development Programme (UNDP). The Contractor's personnel and sub-contractors shall not be considered in any respect as being the employees or agents of UNDP or the United Nations.

2.0 SOURCE OF INSTRUCTIONS:

The Contractor shall neither seek nor accept instructions from any authority external to UNDP in connection with the performance of its services under this Contract. The Contractor shall refrain from any action that may adversely affect UNDP or the United Nations and shall fulfill its commitments with the fullest regard to the interests of UNDP.

3.0 CONTRACTOR'S RESPONSIBILITY FOR EMPLOYEES:

The Contractor shall be responsible for the professional and technical competence of its employees and will select, for work under this Contract, reliable individuals who will perform effectively in the implementation of this Contract, respect the local customs, and conform to a high standard of moral and ethical conduct.

4.0 ASSIGNMENT:

The Contractor shall not assign, transfer, pledge or make other disposition of this Contract or any part thereof, or any of the Contractor's rights, claims or obligations under this Contract except with the prior written consent of UNDP.

5.0 SUB-CONTRACTING:

In the event the Contractor requires the services of sub-contractors, the Contractor shall obtain the prior written approval and clearance of UNDP for all sub-contractors. The approval of UNDP of a sub-contractor shall not relieve the Contractor of any of its obligations under this Contract. The terms of any sub-contract shall be subject to and conform to the provisions of this Contract.

6.0 OFFICIALS NOT TO BENEFIT:

The Contractor warrants that no official of UNDP or the United Nations has received or will be offered by the Contractor any direct or indirect benefit arising from this Contract or the award thereof. The Contractor agrees that breach of this provision is a breach of an essential term of this Contract.

7.0 INDEMNIFICATION:

The Contractor shall indemnify, hold and save harmless, and defend, at its own expense, UNDP, its officials, agents,

servants and employees from and against all suits, claims, demands, and liability of any nature or kind, including their costs and expenses, arising out of acts or omissions of the Contractor, or the Contractor's employees, officers, agents or sub-contractors, in the performance of this Contract. This provision shall extend, inter alia, to claims and liability in the nature of workmen's compensation, products liability and liability arising out of the use of patented inventions or devices, copyrighted material or other intellectual property by the Contractor, its employees, officers, agents, servants or sub-contractors. The obligations under this Article do not lapse upon termination of this Contract.

8.0 INSURANCE AND LIABILITIES TO THIRD PARTIES:

8.1 The Contractor shall provide and thereafter maintain insurance against all risks in respect of its property and any equipment used for the execution of this Contract.

8.2 The Contractor shall provide and thereafter maintain all appropriate workmen's compensation insurance, or the equivalent, with respect to its employees to cover claims for personal injury or death in connection with this Contract.

8.3 The Contractor shall also provide and thereafter maintain liability insurance in an adequate amount to cover third party claims for death or bodily injury, or loss of or damage to property, arising from or in connection with the provision of services under this Contract or the operation of any vehicles, boats, airplanes or other equipment owned or leased by the Contractor or its agents, servants, employees or sub-contractors performing work or services in connection with this Contract.

8.4 Except for the workmen's compensation insurance, the insurance policies under this Article shall:

8.4.1 Name UNDP as additional insured;

8.4.2 Include a waiver of subrogation of the Contractor's rights to the insurance carrier against the UNDP;

8.4.3 Provide that the UNDP shall receive thirty (30) days written notice from the insurers prior to any cancellation or change of coverage.

8.5 The Contractor shall, upon request, provide the UNDP with satisfactory evidence of the insurance required under this Article.

9.0 ENCUMBRANCES/LIENS:

The Contractor shall not cause or permit any lien, attachment or other encumbrance by any person to be placed on file or to remain on file in any public office or on file with the UNDP against any monies due or to become due for any work done or materials furnished under this Contract, or by reason of any other claim or demand against the Contractor.

10.0 TITLE TO EQUIPMENT: Title to any equipment and supplies that may be furnished by UNDP shall rest with UNDP and any such equipment shall be returned to UNDP at the conclusion of this Contract or when no longer needed by the Contractor. Such equipment, when returned to UNDP, shall be in the same condition as when delivered to the Contractor, subject to normal wear and tear. The Contractor shall be liable to compensate UNDP for equipment determined to be damaged or degraded beyond normal wear and tear.

11.0 COPYRIGHT, PATENTS AND OTHER PROPRIETARY RIGHTS:

11.1 Except as is otherwise expressly provided in writing in the Contract, the UNDP shall be entitled to all intellectual property and other proprietary rights including, but not limited to, patents, copyrights, and trademarks, with regard to products, processes, inventions, ideas, know-how, or documents and other materials

which the Contractor has developed for the UNDP under the Contract and which bear a direct relation to or are produced or prepared or collected in consequence of, or during the course of, the performance of the Contract, and the Contractor acknowledges and agrees that such products, documents and other materials constitute works made for hire for the UNDP.

11.2 To the extent that any such intellectual property or other proprietary rights consist of any intellectual property or other proprietary rights of the Contractor: (i) that pre-existed the performance by the Contractor of its obligations under the Contract, or (ii) that the Contractor may develop or acquire, or may have developed or acquired, independently of the performance of its obligations under the Contract, the UNDP does not and shall not claim any ownership interest thereto, and the Contractor grants to the UNDP a perpetual license to use such intellectual property or other proprietary right solely for the purposes of and in accordance with the requirements of the Contract.

11.3 At the request of the UNDP; the Contractor shall take all necessary steps, execute all necessary documents and generally assist in securing such proprietary rights and transferring or licensing them to the UNDP in compliance with the requirements of the applicable law and of the Contract.

11.4 Subject to the foregoing provisions, all maps, drawings, photographs, mosaics, plans, reports, estimates, recommendations, documents, and all other data compiled by or received by the Contractor under the Contract shall be the property of the UNDP, shall be made available for use or inspection by the UNDP at reasonable times and in reasonable places, shall be treated as confidential, and shall be delivered only to UNDP authorized officials on completion of work under the Contract.

12.0 USE OF NAME, EMBLEM OR OFFICIAL SEAL OF UNDP OR THE UNITED NATIONS:

The Contractor shall not advertise or otherwise make public the fact that it is a Contractor with UNDP, nor shall the Contractor, in any manner whatsoever use the name, emblem or official seal of UNDP or THE United Nations, or any abbreviation of the name of UNDP or United Nations in connection with its business or otherwise.

13.0 CONFIDENTIAL NATURE OF DOCUMENTS AND INFORMATION:

Information and data that is considered proprietary by either Party, and that is delivered or disclosed by one Party ("Discloser") to the other Party ("Recipient") during the course of performance of the Contract, and that is designated as confidential ("Information"), shall be held in confidence by that Party and shall be handled as follows:

13.1 The recipient ("Recipient") of such information shall:

13.1.1 use the same care and discretion to avoid disclosure, publication or dissemination of the Discloser's Information as it uses with its own similar information that it does not wish to disclose, publish or disseminate; and,

13.1.2 use the Discloser's Information solely for the purpose for which it was disclosed.

13.2 Provided that the Recipient has a written agreement with the following persons or entities requiring them to treat the Information confidential in accordance with the Contract and this Article 13, the Recipient may disclose Information to:

13.2.1 any other party with the Discloser's prior written consent; and,

13.2.2 the Recipient's employees, officials, representatives and agents who have a need to know such Information for purposes of performing obligations under the Contract, and employees officials, representatives and agents of any legal entity that it controls, controls it, or with which it is under common control, who have a

need to know such Information for purposes of performing obligations under the Contract, provided that, for these purposes a controlled legal entity means:

13.2.2.1 a corporate entity in which the Party owns or otherwise controls, whether directly or indirectly, over fifty percent (50%) of voting shares thereof; or,

13.2.2.2 any entity over which the Party exercises effective managerial control; or,

13.2.2.3 for the UNDP, an affiliated Fund such as UNCDF, UNIFEM and UNV.

13.3 The Contractor may disclose Information to the extent required by law, provided that, subject to and without any waiver of the privileges and immunities of the United Nations, the Contractor will give the UNDP sufficient prior notice of a request for the disclosure of Information in order to allow the UNDP to have a reasonable opportunity to take protective measures or such other action as may be appropriate before any such disclosure is made.

13.4 The UNDP may disclose Information to the extent as required pursuant to the Charter of the UN, resolutions or regulations of the General Assembly, or rules promulgated by the Secretary-General.

13.5 The Recipient shall not be precluded from disclosing Information that is obtained by the Recipient from a third party without restriction, is disclosed by the Discloser to a third party without any obligation of confidentiality, is previously known by the Recipient, or at any time is developed by the Recipient completely independently of any disclosures hereunder.

13.6 These obligations and restrictions of confidentiality shall be effective during the term of the Contract, including any extension thereof, and, unless otherwise provided in the Contract, shall remain effective following any termination of the Contract.

14.0 FORCE MAJEURE; OTHER CHANGES IN CONDITIONS

14.1 In the event of and as soon as possible after the occurrence of any cause constituting force majeure, the Contractor shall give notice and full particulars in writing to the UNDP, of such occurrence or change if the Contractor is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under this Contract. The Contractor shall also notify the UNDP of any other changes in conditions or the occurrence of any event that interferes or threatens to interfere with its performance of this Contract. On receipt of the notice required under this Article, the UNDP shall take such action as, in its sole discretion; it considers to be appropriate or necessary in the circumstances, including the granting to the Contractor of a reasonable extension of time in which to perform its obligations under this Contract.

14.2 If the Contractor is rendered permanently unable, wholly, or in part, by reason of force majeure to perform its obligations and meet its responsibilities under this Contract, the UNDP shall have the right to suspend or terminate this Contract on the same terms and conditions as are provided for in Article 15, "Termination", except that the period of notice shall be seven (7) days instead of thirty (30) days.

14.3 Force majeure as used in this Article means acts of God, war (whether declared or not), invasion, revolution, insurrection, or other acts of a similar nature or force.

14.4 The Contractor acknowledges and agrees that, with respect to any obligations under the Contract that the Contractor must perform in or for any areas in which the UNDP is engaged in, preparing to engage in, or disengaging from any peacekeeping, humanitarian or similar operations, any delays or failure to perform such obligations arising from or relating to harsh conditions within such areas or to any incidents of civil unrest occurring in such areas shall not, in and of itself, constitute force majeure under the Contract..

15.0 TERMINATION

15.1 Either party may terminate this Contract for cause, in whole or in part, upon thirty (30) days notice, in writing, to the other party. The initiation of arbitral proceedings in accordance with Article 16.2 ("Arbitration"), below, shall not be deemed a termination of this Contract.

15.2 UNDP reserves the right to terminate without cause this Contract at any time upon 15 days prior written notice to the Contractor, in which case UNDP shall reimburse the Contractor for all reasonable costs incurred by the Contractor prior to receipt of the notice of termination.

15.3 In the event of any termination by UNDP under this Article, no payment shall be due from UNDP to the Contractor except for work and services satisfactorily performed in conformity with the express terms of this Contract.

15.4 Should the Contractor be adjudged bankrupt, or be liquidated or become insolvent, or should the Contractor make an assignment for the benefit of its creditors, or should a Receiver be appointed on account of the insolvency of the Contractor, the UNDP may, without prejudice to any other right or remedy it may have under the terms of these conditions, terminate this Contract forthwith. The Contractor shall immediately inform the UNDP of the occurrence of any of the above events.

16.0 SETTLEMENT OF DISPUTES

16.1 Amicable Settlement: The Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of this Contract or the breach, termination or invalidity thereof. Where the parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place in accordance with the UNCITRAL Conciliation Rules then obtaining, or according to such other procedure as may be agreed between the parties.

16.2 Arbitration: Any dispute, controversy, or claim between the Parties arising out of the Contract or the breach, termination, or invalidity thereof, unless settled amicably under Article 16.1, above, within sixty (60) days after receipt by one Party of the other Party's written request for such amicable settlement, shall be referred by either Party to arbitration in accordance with the UNCITRAL Arbitration Rules then obtaining. The decisions of the arbitral tribunal shall be based on general principles of international commercial law. For all evidentiary questions, the arbitral tribunal shall be guided by the Supplementary Rules Governing the Presentation and Reception of Evidence in International Commercial Arbitration of the International Bar Association, 28 May 1983 edition. The arbitral tribunal shall be empowered to order the return or destruction of goods or any property, whether tangible or intangible, or of any confidential information provided under the Contract, order the termination of the Contract, or order that any other protective measures be taken with respect to the goods, services or any other property, whether tangible or intangible, or of any confidential information provided under the Contract, as appropriate, all in accordance with the authority of the arbitral tribunal pursuant to Article 26 ("Interim Measures of Protection") and Article 32 ("Form and Effect of the Award") of the UNCITRAL Arbitration Rules. The arbitral tribunal shall have no authority to award punitive damages. In addition, unless otherwise expressly provided in the Contract, the arbitral tribunal shall have no authority to award interest in excess of the London Inter-Bank Offered Rate ("LIBOR") then prevailing, and any such interest shall be simple interest only. The Parties shall be bound by any arbitration award rendered as a result of such arbitration as the final adjudication of any such dispute, controversy, or claim.

17.0 PRIVILEGES AND IMMUNITIES:

Nothing in or relating to this Contract shall be deemed a waiver, express or implied, of any of the privileges and immunities of the United Nations, including its subsidiary organs.

18.0 TAX EXEMPTION

18.1 Section 7 of the Convention on the Privileges and Immunities of the United Nations provides, inter-alia that the United Nations, including its subsidiary organs, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs duties and charges of a similar nature in respect of articles imported or exported for its official use. In the event any governmental authority refuses to recognize the United Nations exemption from such taxes, duties or charges, the Contractor shall immediately consult with the UNDP to determine a mutually acceptable procedure.

18.2 Accordingly, the Contractor authorizes UNDP to deduct from the Contractor's invoice any amount representing such taxes, duties or charges, unless the Contractor has consulted with the UNDP before the payment thereof and the UNDP has, in each instance, specifically authorized the Contractor to pay such taxes, duties or charges under protest. In that event, the Contractor shall provide the UNDP with written evidence that payment of such taxes, duties or charges has been made and appropriately authorized.

19.0 CHILD LABOUR

19.1 The Contractor represents and warrants that neither it, nor any of its suppliers is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical mental, spiritual, moral or social development.

19.2 Any breach of this representation and warranty shall entitle UNDP to terminate this Contract immediately upon notice to the Contractor, at no cost to UNDP.

20.0 MINES:

20.1 The Contractor represents and warrants that neither it nor any of its suppliers is actively and directly engaged in patent activities, development, assembly, production, trade or manufacture of mines or in such activities in respect of components primarily utilized in the manufacture of Mines. The term "Mines" means those devices defined in Article 2, Paragraphs 1, 4 and 5 of Protocol II annexed to the Convention on Prohibitions and Restrictions on the Use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects of 1980.

20.2 Any breach of this representation and warranty shall entitle UNDP to terminate this Contract immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind of UNDP.

21.0 OBSERVANCE OF THE LAW:

The Contractor shall comply with all laws, ordinances, rules, and regulations bearing upon the performance of its obligations under the terms of this Contract.

22.0 SEXUAL EXPLOITATION:

22.1 The Contractor shall take all appropriate measures to prevent sexual exploitation or abuse of anyone by it or by any of its employees or any other persons who may be engaged by the Contractor to perform any services under the Contract. For these purposes, sexual activity with any person less than eighteen years of age, regardless of any laws relating to consent, shall constitute the sexual exploitation and abuse of such person. In addition, the Contractor shall refrain from, and shall take all appropriate measures to prohibit its employees or other persons engaged by it from, exchanging any money, goods, services, offers of employment or other things of value, for sexual favors or activities, or from engaging in any sexual activities that are exploitive or degrading to any person. The Contractor acknowledges and agrees that the provisions hereof constitute an essential term of the Contract

and that any breach of this representation and warranty shall entitle UNDP to terminate the Contract immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind.

22.2 The UNDP shall not apply the foregoing standard relating to age in any case in which the Contractor's personnel or any other person who may be engaged by the Contractor to perform any services under the Contract is married to the person less than the age of eighteen years with whom sexual activity has occurred and in which such marriage is recognized as valid under the laws of the country of citizenship of such Contractor's personnel or such other person who may be engaged by the Contractor to perform any services under the Contract.

23.0 SECURITY:

23.1 The Contractor shall:

- (a) Put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the services are being provided;
- (b) Assume all risks and liabilities related to the Contractor's security, and the full implementation of the security plan.

23.2 UNDP reserves the right to verify whether such a plan is in place, and to suggest modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of this contract. Notwithstanding the foregoing, the Contractor shall remain solely responsible for the security of its personnel and for UNDP's property in its custody as set forth in paragraph 4.1 above.

24.0 AUDITS AND INVESTIGATIONS:

24.1 Each invoice paid by UNDP shall be subject to a post-payment audit by auditors, whether internal or external, of UNDP or the authorized agents of the UNDP at any time during the term of the Contract and for a period of three (3) years following the expiration or prior termination of the Contract. The UNDP shall be entitled to a refund from the Contractor for any amounts shown by such audits to have been paid by the UNDP other than in accordance with the terms and conditions of the Contract. Should the audit determine that any funds paid by UNDP have not been used as per contract clauses, the company shall reimburse such funds forthwith. Where the company fails to reimburse such funds, UNDP reserves the right to seek recovery and/or to take any other action as it deems necessary.

24.2 The Contractor acknowledges and agrees that, at anytime, UNDP may conduct investigations relating to any aspect of the Contract, the obligations performed under the Contract, and the operations of the Contractor generally. The right of UNDP to conduct an investigation and the Contractor's obligation to comply with such an investigation shall not lapse upon expiration or prior termination of the Contract. The Contractor shall provide its full and timely cooperation with any such inspections, post-payment audits or investigations. Such cooperation shall include, but shall not be limited to, the Contractor's obligation to make available its personnel and any documentation for such purposes and to grant to UNDP access to the Contractor's premises. The Contractor shall require its agents, including, but not limited to, the Contractor's attorneys, accountants or other advisers, to reasonably cooperate with any inspections, post-payment audits or investigations carried out by UNDP hereunder.

25.0 ANTI-TERRORISM:

25.1 The Contractor agrees to undertake all reasonable efforts to ensure that none of the UNDP funds received under this Contract are used to provide support to individuals or entities associated with terrorism and that the recipients of any amounts provided by UNDP hereunder do not appear on the list maintained by the Security Council Committee established pursuant to resolution 1267 (1999). The list can be accessed via <http://www.un.org/Docs/sc/committees/1267/1267ListEng.htm>. This provision must be included in all sub-contracts or sub-agreements entered into under this Contract.

26.0 AUTHORITY TO MODIFY:

Pursuant to the Financial Regulations and Rules of UNDP, only the UNDP Authorized Official possesses the authority to agree on behalf of UNDP to any modification of or change in this Agreement, to a waiver of any of its provisions or to any additional contractual relationship of any kind with the Contractor. Accordingly, no modification or change in this Contract shall be valid and enforceable against UNDP unless provided by an amendment to this Agreement signed by the Contractor and jointly by the UNDP Authorized Official.

Section 11: General Conditions of Contract for Civil Works (GCCW)

(For information purposes only)

1. Definitions
2. Singular and Plural
3. Headings or Notes
4. Legal Relationships
5. General Duties/Powers of Engineer
6. Contractor's General Obligations/Responsibilities
7. Assignment and Subcontracting
8. Drawings
9. Work Book
10. Performance Security
11. Inspection of Site
12. Sufficiency of Tender
13. Programme of Work to be Furnished
14. Weekly Site Meeting
15. Change Orders
16. Contractor's Superintendence
17. Contractor's Employees
18. Setting-Out
19. Watching and Lighting
20. Care of Works
21. Insurance of Works, Etc.
22. Damage to Persons and Property
23. Liability Insurance
24. Accident or Injury to Workmen
25. Remedy on Contractor's Failure to Insure
26. Compliance with Statutes, Regulations, Etc.
27. Fossils, Etc.
28. Copyright, Patents and Other Proprietary Rights, and Royalties
29. Interference With Traffic and Adjoining Properties
30. Extraordinary Traffic and Special Loads
31. Opportunities for Other Contractors
32. Contractor to Keep Site Clean
33. Clearance of Site on Substantial Completion
34. Labour
35. Returns of Labour, Plant, Etc.
36. Materials, Workmanship and Testing
37. Access to Site
38. Examination of Work Before Covering Up
39. Removal of Improper Work and Materials
40. Suspension of Work
41. Possession of Site

42. Time for Completion
43. Extension of Time for Completion
44. Rate of Progress
45. Liquidated Damages for Delay
46. Certificate of Substantial Completion
47. Defects Liability
48. Alterations, Additions and Omissions
49. Plant, Temporary Works and Materials
50. Approval of Materials, Etc., Not Implied
51. Measurement of Works
52. Liability of the Parties
53. Authorities
54. Urgent Repairs
55. Increase and Decrease of Costs
56. Taxation
57. Blasting
58. Machinery
59. Temporary Works and Reinstatement
60. Photographs and Advertising
61. Prevention of Corruption
62. Date Falling on Holiday
63. Notices
64. Language, Weights and Measures
65. Records, Accounts, Information and Audit
66. Force Majeure
67. Suspension by the UNDP
68. Termination by the UNDP
69. Termination by the Contractor
70. Rights and Remedies of the UNDP
71. Settlement of Disputes
72. Privileges and Immunities
73. Security
74. Audit and Investigations
75. Anti-terrorism

1. DEFINITIONS

For the purpose of the Contract Documents the words and expressions below shall have the following meanings:

- a) "Employer" means the United Nations Development Programme (UNDP).
- b) "Contractor" means the person whose tender has been accepted and with whom the Contract has been entered into.
- c) "Engineer" means the person whose services have been engaged by UNDP to administer the Contract as provided therein, as will be notified in writing to the Contractor.
- d) "Contract" means the written agreement between the Employer and the Contractor, to which these General Conditions are annexed.
- e) "The Works" means the works to be executed and completed under the Contract.
- f) "Temporary Works" shall include items to be constructed which are not intended to be permanent and form part of the Works.
- g) "Drawings" and "Specifications" mean the Drawings and Specifications referred to in the Contract and any modification thereof or addition thereto furnished by the Engineer or submitted by the Contractor and approved in writing by the Engineer in accordance with the Contract.
- h) "Bill of Quantities" is the document in which the Contractor indicates the cost of the Works, on the basis of the foreseen quantities of items of work and the fixed unit prices applicable to them.
- i) "Contract Price" means the sum agreed in the Contract as payable to the Contractor for the execution and completion of the Works and for remedying of any defects therein in accordance with the Contract.
- j) "Site" means the land and other places on, under, in or through which the Works or Temporary Works are to be constructed.

2. SINGULAR AND PLURAL

Words importing persons or parties shall include firms or companies and words importing the singular only shall also include the plural and vice versa where the context requires.

3. HEADINGS OR NOTES

The headings or notes in the Contract Documents shall not be deemed to be part thereof or be taken into consideration in their interpretation.

4. LEGAL RELATIONSHIPS

The Contractor and the sub-contractor(s), if any, shall have the status of an independent

contractor vis-à-vis the Employer. The Contract Documents shall not be construed to create any contractual relationship of any kind between the Engineer and the Contractor, but the Engineer shall, in the exercise of his duties and powers under the Contract, be entitled to performance by the Contractor of its obligations, and to enforcement thereof. Nothing contained in the Contract Documents shall create any contractual relationship between the Employer or the Engineer and any subcontractor(s) of the Contractor.

5. GENERAL DUTIES/POWERS OF ENGINEER

- a) The Engineer shall provide administration of Contract as provided in the Contract Documents. In particular, he shall perform the functions hereinafter described.
- b) The Engineer shall be the Employer's representative vis-à-vis the Contractor during construction and until final payment is due. The Engineer shall advise and consult with the Employer. The Employer's instructions to the Contractor shall be forwarded through the Engineer. The Engineer shall have authority to act on behalf of the Employer only to the extent provided in the Contract Documents as they may be amended in writing in accordance with the Contract. The duties, responsibilities and limitations of authority of the Engineer as the Employer's representative during construction as set forth in the Contract shall not be modified or extended without the written consent of the Employer, the Contractor and the Engineer.
- c) The Engineer shall visit the Site at intervals appropriate to the stage of construction to familiarize himself generally with the progress and quality of the Works and to determine in general if the Works are proceeding in accordance with the Contract Documents. On the basis of his on-site observations as an Engineer, he shall keep the Employer informed of the progress of the Works.
- d) The Engineer shall not be responsible for and will not have control or charge of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Works or the Temporary Works. The Engineer shall not be responsible for or have control or charge over the acts or omissions of the Contractor (including the Contractor's failure to carry out the Works in accordance with the Contract) and of Sub-contractors or any of their agents or employees, or any other persons performing services for the Works, except if such acts or omissions are caused by the Engineer's failure to perform his functions in accordance with the contract between the Employer and the Engineer.
- e) The Engineer shall at all times have access to the Works wherever and whether in preparation or progress. The Contractor shall provide facilities for such access so that the Engineer may perform his functions under the Contract.
- f) Based on the Engineer's observations and an evaluation of the documentation submitted by the Contractor together with the invoices, the Engineer shall determine the amounts owed to the Contractor and shall issue Certificates for Payment as appropriate.

- g) The Engineer shall review and approve or take other appropriate action upon the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for conformity with the design concept of the Works and with the provisions of the Contract Documents. Such action shall be taken with reasonable promptness so as to cause no delay. The Engineer's approval of a specific item shall not indicate approval of an assembly of which the item is a component.
- h) The Engineer shall interpret the requirements of the Contract Documents and judge the performance thereunder by the Contractor. All interpretations and orders of the Engineer shall be consistent with the intent of and reasonably inferable from the Contract Documents and shall be in writing or in the form of drawings. Either party may make a written request to the Engineer for such interpretation. The Engineer shall render the interpretation necessary for the proper execution of the Works with reasonable promptness and in accordance with any time limit agreed upon. Any claim or dispute arising from the interpretation of the Contract Documents by the Engineer or relating to the execution or progress of the Works shall be settled as provided in Clause 71 of these General Conditions.
- i) Except as otherwise provided in the Contract, the Engineer shall have no authority to relieve the Contractor of any of his obligations under the Contract nor to order any work involving delay in completion of the Works or any extra payment to the Contractor by the Employer, or to make any variations to the Works.
- j) In the event of termination of the employment of the Engineer, the Employer shall appoint another suitable professional to perform the Engineer's duties.
- k) The Engineer shall have authority to reject work which does not conform to the Contract Documents. Whenever, in his opinion, he considers it necessary or advisable for the implementation of the intent of the Contract Documents, he will have authority to require special inspection or testing of the work whether or not such work be then fabricated, installed or completed. However, neither the Engineer's authority to act nor any reasonable decision made by him in good faith either to exercise or not to exercise such authority shall give rise to any duty or responsibility of the Engineer to the Contractor, any subcontractor, any of their agents or employees, or any other person performing services for the Works.
- l) The Engineer shall conduct inspections to determine the dates of Substantial Completion and Final Completion, shall receive and forward to the Employer for the Employer's review written warranties and related documents required by the Contract and assembled by the Contractor, and shall issue a final Certificate for Payment upon compliance with the requirements of Clause 47 hereof and in accordance with the Contract.
- m) If the Employer and Engineer so agree, the Engineer shall provide one or more Engineer's Representative(s) to assist the Engineer in carrying out his responsibilities at the site. The Engineer shall notify in writing to the Contractor and the Employer the duties, responsibilities and limitations of authority of any such Engineer's Representative(s).

6. CONTRACTOR'S GENERAL OBLIGATIONS/RESPONSIBILITIES

6.1.Obligation to Perform in Accordance with Contract

The Contractor shall execute and complete the Works and remedy any defects therein in strict accordance with the Contract, with due care and diligence and to the satisfaction of the Engineer, and shall provide all labor, including the supervision thereof, materials, Constructional Plant and all other things, whether of a temporary or permanent nature, required in and for such execution, completion and remedying of defects, as far as the necessity for providing the same is specified in or is reasonably to be inferred from the Contract. The Contractor shall comply with and adhere strictly to the Engineer's instructions and directions on any matter, touching or concerning the Works.

6.2 Responsibility for Site Operations

The Contractor shall take full responsibility for the adequacy, stability and safety of all site operations and methods of construction, provided that the Contractor shall not be responsible, except as may be expressly provided in the Contract, for the design or specification of the Permanent Works or of any Temporary Works prepared by the Engineer.

6.3.Responsibility for Employees

The Contractor shall be responsible for the professional and technical competence of his employees and will select for work under this Contract, reliable individuals who will perform effectively in the implementation of the Contract, respect local customs and conform to a high standard of moral and ethical conduct.

6.4.Source of Instructions

The Contractor shall neither seek nor accept instructions from any authority external to the Employer, the Engineer or their authorized representatives in connection with the performance of his services under this Contract. The Contractor shall refrain from any action which may adversely affect the Employer and shall fulfill his commitments with fullest regard for the interest of the Employer.

6.5.Officials Not to Benefit

The Contractor warrants that no official of the Employer has been or shall be admitted by the Contractor to any direct or indirect benefit arising from this Contract or the award thereof. The Contractor agrees that breach of this provision is a breach of an essential term of the Contract.

6.6.Use of Name, Emblem or Official Seal of UNDP or the United Nations

The Contractor shall not advertise or otherwise make public the fact that he is performing, or

has performed services for the Employer or use the name, emblem or official seal of the Employer or the United Nations or any abbreviation of the name of the Employer or the United Nations for advertising purposes or any other purposes.

6.7. Confidential Nature of Documents

All maps, drawings, photographs, mosaics, plans, reports, recommendations, estimates, documents and all other data compiled by or received by the Contractor under the Contract shall be the property of the Employer, shall be treated as confidential and shall be delivered only to the duly authorized representative of the Employer on completion of the Works; their contents shall not be made known by the Contractor to any person other than the personnel of the Contractor performing services under this Contract without the prior written consent of the Employer.

7. ASSIGNMENT AND SUBCONTRACTING

7.1. Assignment of Contract

The Contractor shall not, except after obtaining the prior written approval of the Employer, assign, transfer, pledge or make other disposition of the Contract or any part thereof or of any of the Contractor's rights, claims or obligations under the Contract.

7.2. Subcontracting

In the event the Contractor requires the services of subcontractors, the Contractor shall obtain the prior written approval of the Employer for all such subcontractors. The approval of the Employer shall not relieve the Contractor of any of his obligations under the Contract, and the terms of any subcontract shall be subject to and be in conformity with the provisions of the Contract.

7.3. Assignment of Subcontractor's Obligations

In the event of a subcontractor having undertaken towards the Contractor in respect of the work executed or the goods, materials, Plant or services supplied by such subcontractor for the Works, any continuing obligation extending for a period exceeding that of the Defects Liability Period under the Contract, the Contractor

shall at any time after the expiration of such Period, assign to the Employer, at the Employer's request and cost, the benefit of such obligation for the unexpired duration thereof.

8. DRAWINGS

8.1. Custody of drawings

The drawings shall remain in the sole custody of the Employer but two (2) copies thereof shall be furnished to the Contractor free of cost. The Contractor shall provide and make at

his own expense any further copies required by him. At the completion of the Works, the Contractor shall return to the Employer all drawings provided under the Contract.

8.2. One copy of Drawings to be kept on Site

One copy of the Drawings furnished to the Contractor as aforesaid shall be kept by the Contractor on the Site and the same shall at all reasonable times be available for inspection and use by the Engineer and by any other person authorized in writing by the Engineer.

8.3. Disruption of Progress

The Contractor shall give written notice to the Engineer whenever planning or progress of the Works is likely to be delayed or disrupted unless any further drawing or order, including a direction, instruction or approval, is issued by the Engineer within a reasonable time. The notice shall include details of drawing or order required and of why and by when it is required and of any delay or disruption likely to be suffered if it is late.

9. WORK BOOK

The Contractor shall maintain a Work Book at the Site with numbered pages, in one original and two copies. The Engineer shall have full authority to issue new orders, drawings and instructions to the Contractor, from time to time and as required for the correct execution of the Works. The Contractor shall be bound to follow such orders, drawings and instructions.

Every order shall be dated and signed by the Engineer and the Contractor, in order to account for its receipt.

Should the Contractor want to refuse an order in the Work Book, he shall so inform the Employer, through the Engineer, by means of an annotation in the Work Book made within three (3) days from the date of the order that the Contractor intends to refuse. Failure by the Contractor to adhere to this procedure shall result in the order being deemed accepted with no further possibility of refusal.

The original of the Work Book shall be delivered to the Employer at the time of Final Acceptance of the Works. A copy shall be kept by the Engineer and another copy by the Contractor.

10. PERFORMANCE SECURITY

- a) As guarantee for his proper and efficient performance of the Contract, the Contractor shall on signature of the Contract furnish the Employer with a Performance Security issued for the benefit of the Employer. The amount and character of such security (bond or guarantee) shall be as indicated in the Contract.
- b) The Performance Bond or Bank Guarantee must be issued by an acceptable insurance company or accredited bank, in the format included in Appendix I to these General

Conditions, and must be valid up to twenty-eight days after issuance by the Engineer of the Certificate of Final Completion. The Performance Bond or Bank Guarantee shall be returned to the Contractor within twenty-eight days after the issuance by the Engineer of the Certificate of Final Completion, provided that the Contractor shall have paid all money owed to the Employer under the Contract.

- c) If the surety of the Performance Bond or Bank Guarantee is declared bankrupt or becomes insolvent or its right to do business in the country of execution of the Works is terminated, the Contractor shall within five (5) days thereafter substitute another bond or guarantee and surety, both of which must be acceptable to the Employer.

11. INSPECTION OF SITE

The Contractor shall be deemed to have inspected and examined the site and its surroundings and to have satisfied himself before submitting his Tender and signing the Contract as to all matters relative to the nature of the land and subsoil, the form and nature of the Site, details and levels of existing pipe lines, conduits, sewers, drains, cables or other existing services, the quantities and nature of the work and materials necessary for the completion of the Works, the means of access to the Site, and the accommodation he may require, and in general to have himself obtained all necessary information as to risk contingencies, climatic, hydrological and natural conditions and other circumstances which may influence or affect his Tender, and no claims will be entertained in this connection against the Employer.

12. SUFFICIENCY OF TENDER

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the construction of the Works and of the rates and prices, which rates and prices shall, except in so far as it is otherwise provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper execution and completion of the Works.

13. PROGRAMME OF WORK TO BE FURNISHED

Within the time limit specified in the Contract, the Contractor shall submit to the Engineer for his consent a detailed Programme of Work showing the order of procedure and the method in which he proposes to carry out the Works. In preparing his Programme of Work the Contractor shall pay due regard to the priority required by certain works. Should the Engineer, during the progress of work, require further modifications to the Programme of Work, the Contractor shall review the said program. The Contractor shall also whenever required by the Engineer submit particulars in writing of the Contractor's arrangements for carrying out the Works and of the Constructional Plant and Temporary Works which the Contractor intends to supply, use or construct as the case may be. The submission of such program, or any modifications thereto, or the particulars required by the Engineer, shall not relieve the Contractor of any of his duties or obligations under the Contract nor shall the incorporation of any modification to the Programme of Work either at the commencement of the contract or during its course entitle the Contractor to any additional payments in

consequence thereof.

14. WEEKLY SITE MEETING

A weekly site meeting shall be held between the UNDP Project Coordinator or engineer, if any, the representative of the Contractor and the Engineer or the Engineer's Representative, in order to verify that the Works are progressing normally and are executed in accordance with the Contract.

15. CHANGE ORDERS

- a) The Engineer may instruct the Contractor, with the approval of the Employer and by means of Change Orders, all variations in quantity or quality of the Works, in whole or in part, that are deemed necessary by the Engineer.
- b) Processing of change orders shall be governed by clause 48 of these General Conditions.

16. CONTRACTOR'S SUPERINTENDENCE

The Contractor shall provide all necessary superintendence during the execution of the Works and as long thereafter as the Engineer may consider necessary for the proper fulfillment of the Contractor's obligations under the Contract. The Contractor or a competent and authorized agent or representative of the Contractor approved in writing by the Engineer, which approval may at any time be withdrawn, shall be constantly on the site and shall devote his entire time to the superintendence of the Works. Such authorized agent or representative shall receive on behalf of the Contractor directions and instructions from the Engineer. If the approval of such agent or representative shall be withdrawn by the Engineer, as provided in Clause 17(2) hereinafter, or if the removal of such agent or representative shall be requested by the Employer under Clause 17(3) hereinafter, the Contractor shall as soon as it is practicable after receiving notice of such withdrawal remove the agent or representative from the Site, and replace him by another agent or representative approved by the Engineer. Notwithstanding the provision of Clause 17(2) hereinafter, the Contractor shall not thereafter employ, in any capacity whatsoever, a removed agent or representative again on the Site.

17. CONTRACTOR'S EMPLOYEES

- a) The Contractor shall provide and employ on the Site in connection with the execution and completion of the Works and the remedying of any defects therein:
 - i. Only such technical assistants as are skilled and experienced in their respective callings and such sub-agent foremen and leading hands as are competent to give proper supervision to the work they are required to supervise, and
 - ii. Such skilled, semi-skilled, and unskilled labour as is necessary for the proper and timely execution and completion of the Works.

- b) The Engineer shall be at liberty to object to and require the Contractor to remove forthwith from the Works any person employed by the Contractor in or about the execution or completion of the Works, who in the opinion of the Engineer is misconducting himself, or is incompetent or negligent in the proper performance of his duties, or whose employment is otherwise considered reasonably by the Engineer to be undesirable, and such person shall not be again employed on the Site without the written permission of the Engineer. Any person so removed from the Works shall be replaced as soon as reasonably possible by a competent substitute approved by the Engineer.
- c) Upon written request by the Employer, the Contractor shall withdraw or replace from the Site any agent, representative or other personnel who does not conform to the standards set forth in paragraph (1) of this Clause. Such request for withdrawal or replacement shall not be considered as termination in part or in whole of this Contract. All costs and additional expenses resulting from any withdrawal or replacement for whatever reason of any of the Contractor's personnel shall be at the Contractor's expense.

18. SETTING-OUT

The Contractor shall be responsible for the true and proper setting out of the Works in relation to original points, lines and levels of reference given by the Engineer in writing and for the correctness of the position, levels, dimensions and alignment of all parts of the Works and for the provision of all necessary instruments, appliances and labor in connection therewith. If, at any time during the progress of the Works, any error shall appear or arise in the position, levels, dimensions or alignment of any part of the Works, the Contractor, on being required so to do by the Engineer, shall, at his own cost, rectify such error to the satisfaction of the Engineer.

19. WATCHING AND LIGHTING

The Contractor shall in connection with the Works provide and maintain at his own cost all lights, guards, fencing and watching when and where necessary or required by the Engineer or by any duly constituted authority for the protection of the Works and the materials and equipment utilized therefor or for the safety and convenience of the public or others.

20. CARE OF WORKS

- a) From the commencement date of the Works to the date of substantial completion as stated in the Certificate of Substantial Completion, the Contractor shall take full responsibility for the care thereof and of all Temporary Works. In the event that any damage or loss should happen to the Works or to any part thereof or to any Temporary Works from any cause whatsoever (save and except as shall be due to Force Majeure as defined in Clause 66 of these General Conditions), the Contractor shall at his own cost repair and make good the same so that, at completion, the Works shall be in good order and condition and in conformity in every respect with the requirements of the Contract and the Engineer's instructions. The Contractor shall also be liable for any damage to the Works occasioned by him in the course of any

operations carried out by him for the purpose of complying with his obligations Clause 47 hereof.

- b) The Contractor shall be fully responsible for the review of the Engineering design and details of the Works and shall inform the Employer of any mistakes or incorrectness in such design and details which would affect the Works.

21. INSURANCE OF WORKS, ETC.

Without limiting his obligations and responsibilities under Clause 20 hereof, the Contractor shall insure immediately following signature of this Contract, in the joint names of the Employer and the Contractor (a) for the period stipulated in Clause 20(1) hereof, against all loss or damage from whatever cause arising, other than cause of Force majeure as defined in clause 66 of these General Conditions, and (b) against loss or damage for which the Contractor is responsible, in such manner that the Employer and the Contractor are covered for the period stipulated in Clause 20 (1) hereof and are also covered during the Defects Liability Period for loss or damage arising from a cause occurring prior to the commencement of the Defects Liability Period and for any loss or damage occasioned by the Contractor in the course of any operations carried out by him for the purpose of complying with his obligations under Clause 47 hereof:

- a) The Works, together with the materials and Plant for incorporation therein, to their full replacement cost, plus an additional sum of ten (10) per cent of such replacement cost, to cover any additional costs of and incidental to the rectification of loss or damage including professional fees and the cost of demolishing and removing any part of the Works and of removing debris of whatsoever nature;
- b) The Contractor's equipment and other things brought on to the Site by the Contractor to the replacement value of such equipment and other things;
- c) An insurance to cover the liabilities and warranties of Section 52(4);

Such insurance shall be effected with an insurer and in terms approved by the Employer, which approval shall not be unreasonably withheld, and the Contractor shall, whenever required, produce to the Engineer the policy or policies of insurance and the receipts for payment of the current premiums.

22. DAMAGE TO PERSONS AND PROPERTY

The Contractor shall (except if and so far as the Contract provides otherwise) indemnify, hold and save harmless and defend at his own expense the Employer, its officers, agents, employees and servants from and against all suits, claims, demands, proceedings, and liability of any nature or kind, including costs and expenses, for injuries or damages to any person or any property whatsoever which may arise out of or in consequence of acts or omissions of the Contractor or its agents, employees, servants or subcontractors in the execution of the Contract. The provision of this Clause shall extend to suits, claims,

demands, proceedings and liability in the nature of workmen's compensation claims and arising out of the use of patented inventions and devices. Provided always that nothing herein contained shall be deemed to render the Contractor liable for or in respect of or with respect to:

- a) The permanent use or occupation of land by the Works or any part thereof;
- b) The right of the Employer to construct the Works or any part thereof on, over, under, or through any land.
- c) Interference whether temporary or permanent with any right of light, airway or water or other easement or quasi-easement which is the unavoidable result of the construction of the Works in accordance with the Contract.
- d) Death, injuries or damage to persons or property resulting from any act or neglect of the Employer, his agents, servants or other contractors, done or committed during the validity of the Contract.

23. LIABILITY INSURANCE

23.1. Obligation to take out Liability Insurance

Before commencing the execution of the Works, but without limiting his obligations and responsibility under Clause 20 hereof, the Contractor shall insure against his liability for any death, material or physical damage, loss or injury which may occur to any property, including that of the Employer or to any person, including any employee of the Employer by or arising out of the execution of the Works or in the carrying out of the Contract, other than due to the matters referred to in the proviso to Clause 22 hereof.

23.2. Minimum Amount of Liability Insurance

Such insurance shall be effected with an insurer and in terms approved by the Employer, which approval shall not be unreasonably withheld, and for at least the amount specified in the contract. The Contractor shall, whenever required by the Employer or the Engineer, produce to the Engineer the policy or policies of insurance and the receipts for payment of the current premiums.

23.3. Provision to Indemnify Employer

The insurance policy shall include a provision whereby, in the event of any claim in respect of which the Contractor would be entitled to receive indemnity under the policy, being brought or made against the Employer, the insurer shall indemnify the Employer against such claims and any costs, charges and expenses in respect thereof.

24. ACCIDENT OR INJURY TO WORKMEN

- a) The Employer shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workman or other person in the employment of the Contractor or any sub-Contractor, save and except an accident or injury resulting from any act or default of the Employer, his agents or servants. The Contractor shall indemnify, hold and save harmless the Employer against all such damages and compensation, save and except as aforesaid, and against all claims, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.
- b) Insurance Against Accident, etc., to Workmen

The Contractor shall insure against such liability with an insurer approved by the Employer, which approval shall not be unreasonably withheld, and shall continue such insurance during the whole of the time that any persons are employed by him for the Works and shall, when required, produce to the Engineer such policy of insurance and the receipt for payment of the current premium. Provided always that, in respect of any persons employed by any subcontractor, the Contractor's obligation to insure as aforesaid under this sub-clause shall be satisfied if the subcontractor shall have insured against the liability in respect of such persons in such manner that the Employer is indemnified under the policy but the Contractor shall require such subcontractor to produce to the Engineer when required such policy of insurance and the receipt for the current premium, and obtain the insertion of a provision to that effect in its contract with the subcontractor.

25. REMEDY ON CONTRACTOR'S FAILURE TO INSURE

If the Contractor shall fail to effect and keep in force any of the insurances referred to in Clauses 21, 23 and 24 hereof, or any other insurance which he may be required to effect under the terms of the Contract, the Employer may in any such case effect and keep in force any such insurance and pay such premium as may be necessary for that purpose and from time to time deduct the amount so paid by the Employer as aforesaid from any monies due or which may become due to the Contractor, or recover the same as a debt due from the Contractor.

26. COMPLIANCE WITH STATUTES, REGULATIONS, ETC.

- a) The Contractor shall give all notices and pay all fees and charges required to be given or paid by any national or State Statutes, Ordinances, Laws, Regulations or By-laws, or any local or other duly constituted authority in relation to the execution of the Works or of any Temporary Works and by the Rules and Regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the Works or any Temporary Works.
- b) The Contractor shall conform in all respects with any such Statutes, Ordinances, Laws, Regulations, By-laws or requirements of any such local or other authority which may be applicable to the Works and shall keep the Employer indemnified against all penalties and liabilities of every kind for breach of any such Statutes, Ordinances, Laws, Regulations, By-laws or requirements.

27. FOSSILS, ETC.

All fossils, coins, articles of value or antiquity and structures and other remains or things of geological or archaeological interest discovered on the Site of the Works shall as between the Employer and the Contractor be deemed to be the absolute property of the Employer and the Contractor shall take reasonable precautions to prevent his workmen or any other persons from removing or damaging any such article or thing and shall immediately upon discovery thereof and before removal acquaint the Employer of such discovery and carry out at the expense of the Employer the Engineer's orders as to the disposal of the same.

28. COPYRIGHT, PATENT AND OTHER PROPRIETARY RIGHTS, AND ROYALTIES

- a) The Contractor shall hold harmless and fully indemnify the Employer from and against all claims and proceedings for or on account of infringement of any patent rights, design trademark or name or other protected rights in respect of any Plant, equipment, machine, work or material used for or in connection with the Works or Temporary Works and from and against all claims, demands proceedings, damages, costs, charges and expenses whatsoever in respect thereof or in relation thereto, except where such infringement results from compliance with the design or Specification provided by the Engineer.
- b) Except where otherwise specified, the Contractor shall pay all tonnage and other royalties, rent and other payments or compensation, if any, for getting stone, sand, gravel, clay or other materials required for the Works or Temporary Works.

29. INTERFERENCE WITH TRAFFIC AND ADJOINING PROPERTIES

All operations necessary for the execution of the Works and for the Construction of any Temporary Works shall, so far as compliance with the requirements of the Contract permits, be carried on so as not to interfere unnecessarily or improperly with the public convenience, or the access to, use and occupation of, public or private roads and footpaths to or of properties whether in the possession of the Employer or of any other person. The Contractor shall hold harmless and indemnify the Employer in respect of all claims, demands, proceedings, damages, costs, charges and expenses whatsoever arising out of or in relation to any such matters in so far as the Contractor is responsible therefor.

30. EXTRAORDINARY TRAFFIC AND SPECIAL LOADS

- a) The Contractor shall use every reasonable means to prevent any of the roads or bridges communicating with or on the routes to the Site from being damaged by any traffic of the Contractor or any of his sub-contractors and, in particular, shall select routes, choose and use vehicles and restrict and distribute loads so that any such extraordinary traffic as will inevitably arise from the moving of plant and material from and to the Site shall be limited as

far as reasonably possible and so that no unnecessary damage may be occasioned to such roads and bridges.

- b) Should it be found necessary for the Contractor to move any load of Constructional Plant, machinery, preconstructed units or parts of units of work, or other thing, over part of a road or bridge, the moving whereof is likely to damage any such road or bridge unless special protection or strengthening is carried out, then the Contractor shall before moving the load on to such road or bridge, save insofar as the Contract otherwise provide, be responsible for and shall pay for the cost of strengthening any such bridge or altering or improving any such road to avoid such damage, and the Contractor shall indemnify and keep the Employer indemnified against all claims for damage to any such road or bridge caused by such movement, including such claim as may be made directly against the Employer, and shall negotiate and pay all claims arising solely out of such damage.

31. OPPORTUNITIES FOR OTHER CONTRACTORS

The Contractor shall in accordance with the requirements of the Engineer afford all reasonable opportunities for carrying out their work to any other contractors employed by the Employer and their workmen and to the workmen of the Employer and of any other duly constituted authorities who may be employed in the execution on or near the Site of any work not included in the Contract or of any contract which the Employer may enter into in connection with or ancillary to the Works. If work by other contractors of the Employer as above-mentioned involves the Contractor in any direct expenses as a result of using his Site facilities, the Employer shall consider payment to the Contractor of such sum or sums as may be recommended by the Engineer.

32. CONTRACTOR TO KEEP SITE CLEAN

During the progress of the Works, the Contractor shall keep the Site reasonably free from all unnecessary obstruction and shall store or dispose of any Constructional Plant and surplus materials and clear away and remove from the Site any wreckage, rubbish or Temporary Works no longer required.

33. CLEARANCE OF SITE ON SUBSTANTIAL COMPLETION

On the substantial completion of the Works, the Contractor shall clear away and remove from the Site all Constructional Plant surplus materials, rubbish and Temporary Works of every kind and leave the whole of the Site and Works clean and in a workmanlike condition to the satisfaction of the Engineer.

34. LABOUR

34.1 Engagement of Labour

The Contractor shall make his own arrangements for the engagement of all labour local or

otherwise.

34.2 Supply of Water

The Contractor shall provide on the Site to the satisfaction of the Engineer an adequate supply of drinking and other water for the use of the Contractor's staff and work people.

34.3 Alcoholic Drinks or Drugs

The Contractor shall comply with Government laws and regulations and orders in force as regards the import, sale, barter or disposal of alcoholic drinks or narcotics and he shall not allow or facilitate such importation, sale, gift, barter or disposal by his sub-contractors, agents or employees.

34.4 Arms and Ammunition

The restrictions specified in clause 34.3 above shall include all kinds of arms and ammunition.

34.5 Holiday and Religious Customs

The Contractor shall in all dealings with labour in his employ have due regard to all holiday, recognized festivals and religious or other customs.

34.6 Epidemics

In the event of any outbreak of illness of an epidemic nature the Contractor shall comply with and carry out such regulations, orders, and requirements as may be made by the Government or the local medical or sanitary authorities for the purpose of dealing with and overcoming the same.

34.7 Disorderly Conduct, etc.

The Contractor shall at all times take all reasonable precautions to prevent any unlawful riotous or disorderly conduct by or amongst his employees and for the preservation of peace and the protection of persons and property in the neighborhood of the Works against the same.

34.8 Observance by Sub-Contractors

The Contractor shall be considered responsible for the observance of the above provisions by his Sub-Contractors.

34.9 Legislation applicable to Labour

The Contractor shall abide by all applicable legislation and regulation with regard to labour.

35 RETURNS OF LABOUR, PLANT, ETC.

The Contractor shall, if required by the Engineer, deliver to the Engineer at his office, a return in detail in the form and at such intervals as the Engineer may prescribe showing the supervisory staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such information respecting Constructional plant as the Engineer may require.

36 MATERIALS, WORKMANSHIP AND TESTING

36.1 Materials and Workmanship

- a) All materials and workmanship shall be of the respective kinds described in the Contract and in accordance with the Engineer's instructions and shall be subjected from time to time to such tests as the Engineer may direct at the place of manufacture or fabrication, or on the Site or at all or any of such places. The Contractor shall provide such assistance, instruments, machines, labour and materials as are normally required for examining, measuring and testing any work and the quality, weight or quantity of any materials used and shall supply samples of materials before incorporation in the Works for testing as may be selected and required by the Engineer. All testing equipment and instruments provided by the Contractor shall be used only by the Engineer or by the Contractor in accordance with the instructions of the Engineer.
- b) No material not conforming with the Specifications in the Contract may be used for the Works without prior written approval of the Employer and instruction of the Engineer, provided always that if the use of such material results or may result in increasing the Contract Price, the procedure in Clause 48 shall apply.

36.2 Cost of Samples

All samples shall be supplied by the Contractor at his own cost unless the supply thereof is clearly intended in the Specifications or Bill of Quantities to be at the cost of the Employer. Payment will not be made for samples which do not comply with the Specifications.

36.3 Cost of Tests

The Contractor shall bear the costs of any of the following tests:

- a) Those clearly intended by or provided for in the Contract Documents.

- b) Those involving load testing or tests to ensure that the design of the whole of the Works or any part of the Works is appropriate for the purpose which it was intended to fulfill.

37 ACCESS TO SITE

The Employer and the Engineer and any persons authorized by either of them shall, at all times, have access to the Works and to the Site and to all workshops and places where work is being prepared or whence materials, manufactured articles or machinery are being obtained for the Works and the Contractor shall afford every facility for and every assistance in or in obtaining the right to such access.

38 EXAMINATION OF WORK BEFORE COVERING UP

No work shall be covered up or put out of view without the approval of the Engineer and the Contractor shall afford full opportunity for the Engineer to examine and measure any work which is about to be covered up or put out of view and to examine foundations before permanent work is placed thereon. The Contractor shall give due notice to the Engineer whenever any such work or foundations is or are ready or about to be ready for examination and the Engineer shall without unreasonable delay unless he considers it unnecessary and advises the Contractor accordingly attend for the purpose of examining and measuring such work or of examining such foundations.

39 REMOVAL OF IMPROPER WORK AND MATERIALS

39.1 Engineer's power to order removal

The Engineer shall during the progress of the Works have power to order in writing from time to time, and the Contractor shall execute at his cost and expense, the following operations:

- a) The removal from the Site within such time or times as may be specified in the order of any materials which in the opinion of the Engineer are not in accordance with the Contract;
- b) The substitution of proper and suitable materials; and
- c) The removal and proper re-execution (notwithstanding any previous test thereof or interim payment therefore) of any work which in respect of materials or workmanship is not in the opinion of the Engineer in accordance with the Contract.

39.2 Default of Contractor in carrying out Engineer's Instructions

In case of default on the part of the Contractor in carrying out an instruction of the Engineer, the Employer shall be entitled to employ and pay other persons to carry out the same and all expenses consequent thereon or incidental thereto shall be borne by the Contractor and shall be recoverable from him by the Employer and may be deducted by the Employer from any

monies due or which may become due to the Contractor.

40 SUSPENSION OF WORK

The Contractor shall on the written order of the Engineer suspend the progress of the Works or any part thereof for such time or times and in such manner as the Engineer may consider necessary and shall, during such suspension, properly protect and secure the Works so far as it is necessary in the opinion of the Engineer. The Employer should be notified and his written approval should be sought for any suspension of work in excess of three (3) days.

41 POSSESSION OF SITE

41.1 Access to Site

The Employer shall with the Engineer's written order to commence the Works, give to the Contractor possession of so much of the Site as may be required to enable the Contractor to commence and proceed with the construction of the Works in accordance with the Programme referred to in Clause 13 hereof and otherwise in accordance with such reasonable proposals of the Contractor as he shall make to the Engineer by notice in writing, and shall from time to time as the Works proceed give to the Contractor possession of such further portions of the Site as may be required to enable the Contractor to proceed with the construction of the Works with due dispatch in accordance with the said Programme or proposals, as the case may be.

41.2 Wayleaves, etc.

The Contractor shall bear all expenses and charges for special temporary wayleaves required by him in connection with access to the Site. The Contractor shall also provide at his own cost any additional accommodation outside the Site required by him for the purpose of the Works.

41.3 Limits of the Site

Except as defined below, the limits of the Site shall be as defined in the Contract. Should the Contractor require land beyond the Site, he shall provide it entirely at his own expense and before taking possession shall supply the Engineer with a copy of the necessary permits. Access to the Site is available where the Site adjoins a public road but it is not provided unless shown on the Drawings. When necessary for the safety and convenience of workmen, public or livestock or for the protection of the Works, the Contractor shall, at his own expense, provide adequate temporary fencing to the whole or part of the Site. The Contractor shall not disturb, damage or pull down any hedge, tree or building within the Site without the written consent of the Engineer.

42 TIME FOR COMPLETION

- a) Subject to any requirement in the Contract as to completion of any section of the Works before completion of the whole, the whole of the Works shall be completed, in accordance with the provisions of Clause 46 and 47 hereof, within the time stated in the Contract.
- b) The completion time includes weekly rest days, official holidays, and days of inclement weather.

43 EXTENSION OF TIME FOR COMPLETION

If, subject to the provisions of the Contract, the Engineer orders alterations or additions in the Works in accordance with Clause 48 hereof, or if circumstances constituting force majeure as defined in the Contract have occurred, the Contractor shall be entitled to apply for an extension of the time for completion of the Works specified in the Contract. The Employer shall, upon such application, determine the period of any such extension of time; provided that in the case of alterations or additions in the Works, the application for such an extension must be made before the alterations or additions in the Works are undertaken by the Contractor.

44 RATE OF PROGRESS

The whole of the materials, plant and labour to be provided by the Contractor and the mode, manner and speed of execution and completion of the Works are to be of a kind and conducted in a manner to the satisfaction of the Engineer. Should the rate of progress of the Works or any part thereof be at any time in the opinion of the

Engineer too slow to ensure the completion of the Works by the prescribed time or extended time for completion, the Engineer shall so notify the Contractor in writing and the Contractor shall thereupon take such steps as the Contractor may think necessary and the Engineer may approve to expedite progress so as to complete the Works by the prescribed time or extended time for completion. If the work is not being carried on by day and by night and the Contractor shall request permission to work by night as well as by day, then, if the Engineer shall grant such permission, the Contractor shall not be entitled to any additional payment. All work at night shall be carried out without unreasonable noise and disturbance. The contractor shall indemnify the Employer from and against any claims or liability for damages on account of noise or other disturbance created while or in carrying out the work and from and against all claims, demands, proceedings, costs and expenses whatsoever in regard or in relation to such noise or other disturbance. The Contractor shall submit in triplicate to the Engineer at the end of each month signed copies of explanatory Drawings or any other material showing the progress of the Works.

45 LIQUIDATED DAMAGES FOR DELAY

- a) If the Contractor shall fail to complete the Works within the time for completion prescribed in the Contract, or any extended time for completion in accordance with the Contract, then the Contractor shall pay to the Employer the sum specified in the Contract as liquidated damages, for the delay between the time prescribed in the Contract or the extended time for completion, as the case may be, and the date of substantial completion of the Works as stated in the Certificate of Substantial Completion, subject to the applicable limit stated in the Contract. The said sum shall be payable by the sole fact of the delay without the need for any previous notice or any legal proceedings, or proof of damage, which shall in all cases be considered as ascertained. The Employer may, without prejudice to any other method of recovery, deduct the amount of such liquidated damages from any monies in its hands due or which may become due to the Contractor. The payment or deduction of such damages shall not relieve the Contractor from his obligation to complete the Works or from any other of his obligations and liabilities under the Contract.
- b) If, before the time for completion of the whole of the Works or of a Section of the Works, a Certificate of Substantial Completion has been issued for any part or Section of the Works, the liquidated damages for delay in completion of the remainder of the Works or of that Section may, for any period of delay after the date stated in such Certificate of Substantial Completion, and in the absence of alternative provisions in the Contract, be reduced in the proportion which the value of the part or Section so certified bears to the total value of the whole of the Works or Section, as applicable. The provisions of this Sub-Clause shall only apply to the rate of liquidated damages and shall not affect the limit thereof.

46 CERTIFICATE OF SUBSTANTIAL COMPLETION

46.1 Substantial Completion of the Works

When the whole of the Works have been substantially completed and have satisfactorily passed any test on completion prescribed by the Contract, the Contractor may give a notice to that effect to the Engineer accompanied by an undertaking to finish any outstanding work during the Defects Liability Period. Such notice and undertaking shall be in writing and shall be deemed to be a request by the Contractor, for the Engineer to issue a Certificate of Substantial Completion in respect of the Works. The Engineer shall, within twenty-one (21) days of the date of delivery of such notice either issue to the Contractor, with a copy to the Employer, a Certificate of Substantial Completion stating the date on which, in his opinion, the Works were substantially completed in accordance with the Contract or give instructions in writing to the Contractor specifying all the work which, in the Engineer's opinion, requires to be done by the Contractor before the issuance of such Certificate. The Engineer shall also notify the Contractor of any defects in the Works affecting substantial completion that may appear after such instructions and before completion of the work specified therein. The Contractor shall be entitled to receive such Certificate of Substantial Completion within twenty-one (21) days of completion, to the satisfaction of the Engineer, of the work so specified and making good any defect so notified. Upon issuance of the Certificate of Substantial Completion of the Works, the Contractor shall be deemed to have undertaken to complete with due expedition any outstanding work during the Defects Liability Period.

46.2 Substantial Completion of Sections or Parts of the Works

In accordance with the procedure in Sub-Clause (1) of this Clause and on the same conditions as provided therein, the Contractor may request the Engineer to issue, and the Engineer may issue, a Certificate of Substantial Completion in respect of any Section or part of the Works which has been substantially completed and has satisfactorily passed any tests on completion prescribed by the Contract, if:

- a) a separate time for completion is provided in the Contract in respect of such Section or part of the Works;
- b) such Section or part of the Works has been completed to the satisfaction of the Engineer and is required by the Employer for his occupation or use.

Upon the issuance of such Certificate, the Contractor shall be deemed to have undertaken to complete any outstanding work during the Defects Liability Period.

47 DEFECTS LIABILITY

47.1 Defects Liability Period

The expression "Defects Liability Period" shall mean the period of twelve (12) months, calculated from the date of completion of the Works stated in the Certificate of Substantial Completion issued by the Engineer or, in respect of any Section or part of the Works for which a separate Certificate of Substantial Completion has been issued, from the date of completion of that Section or part as stated in the relevant Certificate. The expression "the Works" shall, in respect of the Defects Liability Period, be construed accordingly.

47.2 Completion of Outstanding Work and Remedying of Defects

During the Defects Liability Period, the Contractor shall finish the work, if any, outstanding at the date of the Certificate of Substantial Completion, and shall execute all such work of repair, amendment, reconstruction, rectification and making good defects, imperfections, shrinkages or other faults as may be required of the Contractor in writing by the Engineer during the Defects Liability Period and within fourteen (14) days after its expiration, as a result of an inspection made by or on behalf of the Engineer prior to expiration of the Defects Liability Period.

47.3 Cost of Execution of Work of Repair, etc.

All such outstanding work shall be carried out by the Contractor at his own expense if the necessity thereof shall, in the opinion of the Engineer, be due to the use of material or workmanship not in accordance with the Contract, or to neglect or failure on the part of the Contractor to comply with any obligation expressed or implied, on the Contractor's part under the Contract.

47.4 Remedy on Contractor's Failure to Carry Out Work Required

If the Contractor shall fail to do any such work outstanding on the Works, the Employer shall be entitled to employ and pay other persons to carry out the same, and all expenses consequent thereon or incidental thereto shall be recoverable from the Contractor by the Employer, and may be deducted by the Employer from any monies due or which may become due to the Contractor.

47.5 Certificate of Final Completion

Upon satisfactory completion of the work outstanding on the Works, the Engineer shall within twenty eight (28) days of the expiration of the Defects Liability period issue a Certificate of Final Completion to the Contractor. The Contract shall be deemed to be completed upon issuance of such Certificate, provided that the provisions of the Contract which remain unperformed and the Settlement of Disputes provision in the Contract shall remain in force for as long as is necessary to dispose of any outstanding matters or issues between the Parties.

48 ALTERATIONS, ADDITIONS AND OMISSIONS

I VARIATIONS

The Engineer may within his powers introduce any variations to the form, type or quality of the Works or any part thereof which he considers necessary and for that purpose or if for any other reasons it shall, in his opinion be desirable, he shall have power to order the Contractor to do and the Contractor shall do any of the following:

- (a) increase or decrease the quantity of any work under the Contract;
- (b) omit any such work;
- (c) change the character or quality or kind of any such work;
- (d) change the levels, lines, positions and dimensions of any part of the Works;
- (e) execute additional work of any kind necessary for the completion of the Works, and no such variation shall in any way vitiate or invalidate the Contract.

2 Variations Increasing Cost of Contract or altering the Works.

The Engineer shall, however, obtain the written approval of the Employer before giving any order for any variations which may result in an increase of the Contract Price or in an essential alteration of the quantity, quality or character of the Works.

3 ORDERS FOR VARIATIONS TO BE IN WRITING

No variations shall be made by the Contractor without an order in writing from the Engineer. Variations requiring the written approval of the Employer under paragraph (2) of this Clause shall be made by the Contractor only upon written order from the Engineer accompanied by a copy of the Employer's approval. Provided that, subject to the provisions of the Contract, no order in writing shall be required for any increase or decrease in the quantity of any work where such increase or decrease is not the result of an order given under this Clause but is the result of the quantities exceeding or being less than those stated in the Bill of Quantities.

4 VALUATION OF VARIATIONS

The Engineer shall estimate to the Employer the amount to be added or deducted from the Contract Price in respect of any variation, addition or omission. In the case of any variation, addition or omission which may result in an increase of the Contract Price, the Engineer shall communicate such estimate to the Employer together with his request for the Employer's written approval of such variation, addition or omission. The value of any variation, addition or omission shall be calculated on the basis of the unit prices contained in the Bill of Quantities.

49 PLANT, TEMPORARY WORKS AND MATERIALS

I PLANT, ETC., EXCLUSIVE USE FOR THE WORKS

All Constructional Plant, Temporary Works and Materials provided by the Contractor shall, when brought on the Site, be deemed to be exclusively intended for the construction and completion of the Works and the Contractor shall not remove the same or any part thereof (save for the purpose of moving it from one part of the Site to another) without the consent in writing of the Engineer which shall not be unreasonably withheld.

2 Removal of Plant, etc.

Upon completion of the Works the Contractor shall remove from the Site all the said Constructional Plant and Temporary Works remaining thereon and any unused materials provided by the Contractor.

3 EMPLOYER NOT LIABLE FOR DAMAGE TO PLANT

The Employer shall not be at any time liable for the loss of any of the said Constructional plant, Temporary Works or Materials save if such loss results from the act or neglect of the Employer, its employees or agents.

4 OWNERSHIP OF PAID MATERIAL AND WORK

All material and work covered by payments made by the Employer to the Contractor shall thereupon become the sole property of the Employer, but this provision shall not be construed as relieving the Contractor from the sole responsibility for all material and work upon which payments have been made or the restoration of any damaged work or as waiving the right of the Employer to require the fulfillment of all of the terms of the Contract.

5 EQUIPMENT AND SUPPLIES FURNISHED BY EMPLOYER

Title to any equipment and supplies which may be furnished by the Employer shall rest with the Employer and any such equipment and supplies shall be returned to the Employer at the conclusion of the Contract or when no longer needed by the Contractor. Such equipment when returned to the Employer, shall be in the same condition as when delivered to the Contractor, subject to normal wear and tear.

50 APPROVAL OF MATERIALS ETC., NOT IMPLIED

The operation of Clause 49 hereof shall not be deemed to imply any approval by the Engineer of the materials or other matters referred to therein nor shall it prevent the rejection of any such materials at any time by the Engineer.

51 MEASUREMENT OF WORKS

The Engineer shall, when he requires any part or parts of the Works to be measured, give notice to the Contractor or the Contractor's authorized agent or representative who shall forthwith attend or send a qualified agent to assist the Engineer in making such measurement and shall furnish all particulars required by either of them. Should the Contractor not attend or neglect or omit to send such agent, then the measurement made by the Engineer or approved by him shall be taken to be the correct measurement of the work. The purpose of measuring is to ascertain the volume of work executed by the Contractor and therefore determine the amount of the monthly payments.

52 LIABILITY OF THE PARTIES

- 1** The Works shall not be considered as completed until a Certificate of Final Completion shall have been signed by the Engineer and delivered to the Employer stating that the Works have been completed and that the Contractor has fulfilled all his obligations under Clause 47 to his satisfaction.

- 2 The Employer shall not be liable to the Contractor for any matter arising out of or in connection with the Contract or the execution of the Works unless the Contractor shall have made a claim in writing in respect thereof before the giving of the Certificate of Final Completion and in accordance with the Contract.

3 UNFULFILLED OBLIGATIONS

Notwithstanding the issue of the Certificate of Final Completion, the Contractor shall remain liable for the fulfillment of any obligation incurred under the provisions of the Contract prior to the issuance of the Certificate of Final Completion and which remains unperformed at the time such Certificate is issued. For the purpose of determining the nature and extent of any such obligation the Contract shall be deemed to remain in force between the parties hereto.

4 CONTRACTOR RESPONSIBLE

Notwithstanding any other provisions in the Contract documents, the Contractor shall be totally responsible for and shall bear any and all risks of loss or damage to or failure of the Works or any part thereof for a period of ten years after issuance of the Certificate of Final Completion, provided always that such risks, damage or failure result from acts, defaults and negligence of the Contractor, his agents, employees or workmen and such contractors.

53 AUTHORITIES

- 1 The Employer shall have the right to enter upon the Site and expel the Contractor therefrom without thereby voiding the Contract or releasing the Contractor from any of his obligations or liabilities under the Contract or affecting the rights and powers conferred on the Employer and the Engineer by the Contract in any of the following cases:
 - (a) If the Contractor is declared bankrupt or claims bankruptcy or court protection against his creditors or if the Contractor is a company or member of a company which was dissolved by legal action;
 - (b) If the Contractor makes arrangements with his creditors or agrees to carry out the Contract under an inspection committee of his creditors;
 - (c) If the Contractor withdraws from the Works or assigns the Contract to others in whole or in part without the Employer's prior written approval;
 - (d) If the Contractor fails to commence the Works or shows insufficient progress to the extent which in the opinion of the Engineer will not enable him to meet the target completion date of the Works;
 - (e) If the Contractor suspends the progress of the Works without due cause for fifteen (15) days after receiving from the Engineer written notice to proceed;

- (f) If the Contractor fails to comply with any of the Contract conditions or fails to fulfill his obligations and does not remedy the cause of his failure within fifteen (15) days after being notified to do so in writing;
- (g) If the Contractor is not executing the work in accordance with standards of workmanship specified in the Contract;
- (h) If the Contractor gives or promises to give a present or loan or reward to any employee of the Employer or of the Engineer.

Then the Employer may himself complete the Works or may employ any other contractor to complete the Works and the Employer or such other contractor may use for such completion so much of Constructional Plant, Temporary Works and Materials, which have been deemed to be reserved exclusively for the construction and completion of the Works under the provision of the Contract as he or they may think proper and the Employer may at any time sell any of the said Constructional Plant, Temporary Works and unused materials and apply the proceeds of sale in or towards the satisfaction of any sums due or which may become due to him from the Contractor under the Contract.

2 EVALUATION AFTER RE-ENTRY

The Engineer shall as soon as may be practicable after any such entry and expulsion by the Employer notify the Contractor to attend the necessary evaluation of the Works. In the event that for any reason the Contractor does not attend such evaluation the Engineer shall undertake the said evaluation in the absence of the Contractor and shall issue a certificate stating the sum, if any, due to the Contractor for work done in accordance with the Contract up to the time of entry and expulsion by the Employer which has been reasonably accumulated to the Contractor in respect of the Works he has executed in such case in accordance with the Contract. The Engineer shall indicate the value of the materials whether unused or partially used and the value of construction equipment and any part of the Temporary Works.

3 PAYMENT AFTER RE-ENTRY

If the Employer shall enter and expel the Contractor under this Clause he shall not be liable to pay the Contractor any money on account of the Contract until the expiration of the Defects Liability Period, and thereafter until the costs of completion and making good any defects of the Works, damages for delay in completion (if any), and all other expenses incurred by the Employer have been ascertained and their amount certified by the Engineer. The Contractor shall then be entitled to receive only such sum or sums (if any) as the Engineer may certify would have been due to him upon due completion by him after deducting the said amount. But if such amount shall exceed the sum which would have been payable to the Contractor on due completion by him,, then the Contractor shall upon demand pay to the Employer the amount of such excess. The Employer in such case may recover this

amount from any money due to the Contractor from the Employer without the need to resort to legal procedures.

54 URGENT REPAIRS

If by reason of any accident or failure or other event occurring to, in or in connection with the Works or any part thereof either during the execution of the Works or during the Defects Liability Period any remedial or other work or repair shall in the opinion of the Engineer be urgently necessary for security and the Contractor is unable or unwilling at once to do such work or repair, the Employer may by his own or other workmen do such work or repair as the Engineer may consider necessary. If the work or repair so done by the Employer is work which in the opinion of the Engineer the Contractor was liable to do at his own expense under the Contract, all costs and charges properly incurred by the Employer in so doing shall on demand be paid by the Contractor to the Employer or may be deducted by the Employer from any monies due or which may become due to the Contractor provided always that the Engineer shall as soon after the occurrence of any such emergency as may be reasonably practicable notify the Contractor thereof in writing.

55 INCREASE AND DECREASE OF COSTS

Except if otherwise provided by the Contract, no adjustment of the Contract Price shall be made in respect of fluctuations of market, prices of labour, materials, plant or equipment, neither due to fluctuation in interest rates nor devaluation or any other matters affecting the Works.

56 TAXATION

The Contractor shall be responsible for the payment of all charges and taxes in respect of income including value added tax, all in accordance with and subject to the provisions of the income tax laws and regulations in force and all amendments thereto. It is the Contractor's responsibility to make all the necessary inquiries in this respect and he shall be deemed to have satisfied himself regarding the application of all relevant tax laws.

57 BLASTING

The Contractor shall not use any explosives without the written permission of the Engineer who shall require that the Contractor has complied in full with the regulations in force regarding the use of explosives. However, the Contractor, before applying to obtain these explosives, has to provide well-arranged storage facilities. The Engineer's approval or refusal to permit the use of explosives shall not constitute ground for claims by the

Contractor.

58 MACHINERY

The Contractor shall be responsible for coordinating the manufacture, delivery, erection and commissioning of plant machinery and equipment which are to form a part of the Works. He shall place all necessary orders as soon as possible after the signing of the Contract. These orders and their acceptance shall be produced to the Engineer on request. The Contractor shall also be responsible for ensuring that all sub-contractors adhere to such programs as are agreed and are needed to ensure completion of the Works within the period for completion. Should any sub-contracted works be delayed, the Contractor shall initiate the necessary action to speed up such completion. This shall not prejudice the Employer's right to exercise his remedies for delay in accordance with the Contract.

59 TEMPORARY WORKS AND REINSTATEMENT

The Contractor shall provide and maintain all temporary roads and tracks necessary for movement of plant and materials and clear same away at completion and make good all works damaged or disturbed. The Contractor shall submit drawings and full particulars of all Temporary Works to the Engineer before commencing same. The Engineer may require modifications to be made if he considers them to be insufficient and the Contractor shall give effect to such modifications but shall not be relieved of his responsibilities. The Contractor shall provide and maintain weather-proof sheds for storage of material pertinent to the Works both for his own use and for the use of the Employer and clear same away at the completion of the Works. The Contractor shall divert as required, at his own cost and subject to the approval of the Engineer, all public utilities encountered during the progress of the Works, except those specially indicated on the drawings as being included in the Contract. Where diversions of services are not required in connection with the Works, the Contractor shall uphold, maintain and keep the same in working order in existing locations. The Contractor shall make good, at his own expense, all damage to telephone, telegraph and electric cable or wires, sewers, water or other pipes and other services, except where the Public Authority or Private Party owning or responsible for the same elects to make good the damage. The costs incurred in so doing shall be paid by the Contractor to the Public Authority or Private Party on demand.

60 PHOTOGRAPHS AND ADVERTISING

The Contractor shall not publish any photographs of the Works or allow the Works to be used in any form of advertising whatsoever without the prior approval in writing from the Employer.

61 PREVENTION OF CORRUPTION

The Employer shall be entitled to cancel the Contract and to recover from the Contractor the amount of any loss resulting from such cancellation, if the Contractor has offered or given any person any gift or consideration of any kind as an inducement or reward for doing or intending to do any action in relation to the obtaining or the execution of the Contract or any other contract with the Employer or for showing or intending to show favour or disfavour to any person in relation to the Contract or any other contract with the Employer, if the like acts shall have been done by any persons employed by him or acting on his behalf whether with or without the knowledge of the Contractor in relation to this or any other Contract with the Employer.

62 DATE FALLING ON HOLIDAY

Where under the terms of the Contract any act is to be done or any period is to expire upon a certain day and that day or that period fall on a day of rest or recognized holiday, the Contract shall have effect as if the act were to be done or the period to expire upon the working day following such day.

63 NOTICES

- 1 Unless otherwise expressly specified, any notice, consent, approval, certificate or determination by any person for which provision is made in the Contract Documents shall be in writing. Any such notice, consent, approval, certificate or determination to be given or made by the Employer, the Contractor or the Engineer shall not be
- 2 unreasonably withheld or delayed.
- 3 Any notice, certificate or instruction to be given to the Contractor by the Engineer or the Employer under the terms of the Contract shall be sent by post, cable, telex or facsimile at the Contractor's principal place of business specified in the Contract or such other address as the Contractor shall nominate in writing for that purpose, or by
- 4 delivering the same at the said address against an authorized signature certifying the receipt.
- 5 Any notice to be given to the Employer under the terms of the Contract shall be sent by post, cable, telex or facsimile at the Employer's address specified in the Contract, or by delivering the same at the said address against an authorized signature certifying the receipt.
- 6 Any notice to be given to the Engineer under the terms of this Contract shall be sent by post, cable, telex or facsimile at the Engineer's address specified in the Contract, or by delivering the same at the said address against an authorized signature certifying the receipt.

64 LANGUAGE, WEIGHTS AND MEASURES

Except as may be otherwise specified in the Contract, English shall be used by the Contractor in all written communications to the Employer or the Engineer with respect to the services to be rendered and with respect to all documents procured or prepared by the Contractor pertaining to the Works. The metric system of weights and measures shall be used in all instances.

65 RECORDS, ACCOUNTS, INFORMATION AND AUDIT

The Contractor shall maintain accurate and systematic records and accounts in respect of the work performed under this Contract.

The Contractor shall furnish, compile or make available at all times to the UNDP any records or information, oral or written, which the UNDP may reasonably request in respect of the Works or the Contractor's performance thereof.

The Contractor shall allow the UNDP or its authorized agents to inspect and audit such records or information upon reasonable notice.

66 FORCE MAJEURE

Force majeure as used herein means Acts of God, war (whether declared or not), invasion, revolution, insurrection or other acts or events of a similar nature or force.

In the event of and as soon as possible after the occurrence of any cause constituting force majeure, the Contractor shall give notice and full particulars in writing to the UNDP and to the Engineer of such force majeure if the Contractor is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under this Contract. Subject to acceptance by the UNDP of the existence of such force majeure, which acceptance shall not be unreasonably withheld, the following provisions shall apply:

- (a) The obligations and responsibilities of the Contractor under this Contract shall be suspended to the extent of his inability to perform them and for as long as such inability continues. During such suspension and in respect of work suspended, the Contractor shall be reimbursed by the UNDP substantiated costs of maintenance of the Contractor's equipment and of per diem of the Contractor's permanent personnel rendered idle by such suspension;
- (b) The Contractor shall within fifteen (15) days of the notice to the UNDP of the occurrence of the force majeure submit a statement to the UNDP of estimated costs referred to in subparagraph (a) above during the period of suspension followed by a complete statement of actual expenditures within thirty (30) days after the end of the
- (c) suspension;

- (d) The term of this Contract shall be extended for a period equal to the period of suspension taking however into account any special condition which may cause the additional time for completion of the Works to be different from the period of suspension;
- (e) If the Contractor is rendered permanently unable, wholly or in part, by reason of force majeure, to perform his obligations and meet his responsibilities under the Contract, the UNDP shall have the right to terminate the Contract on the same terms and conditions as provided for in Clause 68 of these General Conditions, except that the period of notice shall be seven (7) days instead of fourteen (14) days, and
- (f) For the purpose of the preceding sub-paragraph, the UNDP may consider the Contractor permanently unable to perform in case of any suspension period of more than ninety (90) days.

67 SUSPENSION BY THE UNDP

The UNDP may by written notice to the Contractor suspend for a specified period, in whole or in part, payments to the Contractor and/or the Contractor's obligation to continue to perform the Works under this Contract, if in the UNDP' sole discretion:

- (a) any conditions arise which interfere, or threaten to interfere with the successful execution of the Works or the accomplishment of the purpose thereof, or
- (b) the Contractor shall have failed, in whole or in part, to perform any of the terms and conditions of this Contract.

After suspension under sub-paragraph (a) above, the Contractor shall be entitled to reimbursement by the UNDP of such costs as shall have been duly incurred in accordance with this Contract prior to the commencement of the period of such suspension.

The term of this Contract may be extended by the UNDP for a period equal to any period of suspension, taking into account any special conditions which may cause the additional time for completion of the Works to be different from the period of suspension.

68 TERMINATION BY THE UNDP

The UNDP may, notwithstanding any suspension under Clause 67 above, terminate this Contract for cause or convenience in the interest of the UNDP upon not less than fourteen (14) days written notice to the Contractor.

Upon termination of this Contract:

- (a) The Contractor shall take immediate steps to terminate his performance of the Contract in a prompt and orderly manner and to reduce losses and to keep further expenditures to a minimum, and
- (b) The Contractor shall be entitled (unless such termination has been occasioned by the Contractor's breach of this Contract), to be paid for the part of the Works satisfactorily completed and for the materials and equipment properly delivered to the Site as of the date of termination for incorporation to the Works, plus substantiated costs resulting from commitments entered into prior to the date of termination as well as any reasonable substantiated direct costs incurred by the Contractor as a result of the termination, but shall not be entitled to receive any other or further payment or damages.

69 TERMINATION BY THE CONTRACTOR

In the case of any alleged breach by the UNDP of the Contract or in any other situation which the Contractor reasonably considers to entitle him to terminate his performance of the Contract, the Contractor shall promptly give written notice to the UNDP detailing the nature and the circumstances of the breach or other situation. Upon acknowledgement in writing by the UNDP of the existence of such breach and the UNDP' inability to remedy it, or upon failure of the UNDP to respond to such notice within twenty (20) days of receipt thereof, the Contractor shall be entitled to terminate this Contract by giving 30 days written notice thereof. In the event of disagreement between the Parties as to the existence of such breach or other situation referred to above, the matter shall be resolved in accordance with Clause 71 of these General Conditions.

Upon termination of this Contract under this Clause the provisions of sub-paragraph (b) of Clause 68 hereof shall apply.

70 RIGHTS AND REMEDIES OF THE UNDP

Nothing in or relating to this Contract shall be deemed to prejudice or constitute a waiver of any other rights or remedies of the UNDP.

The UNDP shall not be liable for any consequences of, or claim based upon, any act or omission on the part of the Government.

71 SETTLEMENT OF DISPUTES

In the case of any claim, controversy or dispute arising out of, or in connection with this Contract or any breach thereof, the following procedure for resolution of such claim, controversy or dispute shall apply.

I NOTIFICATION

The aggrieved party shall immediately notify the other party in writing of the nature of the alleged claim, controversy or dispute, not later than seven (7) days from awareness of the existence thereof.

2 CONSULTATION

On receipt of the notification provided above, the representatives of the Parties shall start consultations with a view to reaching an amicable resolution of the claim, controversy or dispute without causing interruption of the Works.

3 CONCILIATION

Where the representatives of the Parties are unable to reach such an amicable settlement, either party may request the submission of the matter to conciliation in accordance with the UNCITRAL Rules of Conciliation then obtaining.

4 ARBITRATION

Any claim, controversy or dispute which is not settled as provided under clauses 71.1 through 3 above shall be referred to arbitration in accordance with the UNCITRAL Arbitration Rules then obtaining. The Parties shall be bound by the arbitration award rendered in accordance with such arbitration as the final adjudication of any such controversy or claim.

72 PRIVILEGES AND IMMUNITIES

Nothing in or relating to this Contract shall be deemed a waiver of any of the privileges and immunities of the United Nations of which the UNDP is an integral part.

73 SECURITY

The Contractor shall:

- (a) put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the services are being provided;
- (b) assume all risks and liabilities related to the Contractor's security, and the full implementation of the security plan.

UNDP reserves the right to verify whether such a plan is in place, and to suggest

modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of this contract. Notwithstanding the foregoing, the Contractor shall remain solely responsible for the security of its personnel and for UNDP's property in its custody as set forth in paragraph 4.1 above.

74 AUDIT AND INVESTIGATIONS

Each invoice paid by UNDP shall be subject to a post-payment audit by auditors, whether internal or external, of UNDP or the authorized agents of the UNDP at any time during the term of the Contract and for a period of three (3) years following the expiration or prior termination of the Contract. The UNDP shall be entitled to a refund from the Contractor for any amounts shown by such audits to have been paid by the UNDP other than in accordance with the terms and conditions of the Contract. Should the audit determine that any funds paid by UNDP have not been used as per contract clauses, the company shall reimburse such funds forthwith. Where the company fails to reimburse such funds, UNDP reserves the right to seek recovery and/or to take any other action as it deems necessary.

The Contractor acknowledges and agrees that, at anytime, UNDP may conduct investigations relating to any aspect of the Contract, the obligations performed under the Contract, and the operations of the Contractor generally. The right of UNDP to conduct an investigation and the Contractor's obligation to comply with such an investigation shall not lapse upon expiration or prior termination of the Contract. The Contractor shall provide its full and timely cooperation with any such inspections, post-payment audits or investigations. Such cooperation shall include, but shall not be limited to, the Contractor's obligation to make available its personnel and any documentation for such purposes and to grant to UNDP access to the Contractor's premises. The Contractor shall require its agents, including, but not limited to, the Contractor's attorneys, accountants or other advisers, to reasonably cooperate with any inspections, post-payment audits or investigations carried out by UNDP hereunder.

75 ANTI-TERRORISM

The Contractor agrees to undertake all reasonable efforts to ensure that none of the UNDP funds received under this Contract are used to provide support to individuals or entities associated with terrorism and that the recipients of any amounts provided by UNDP hereunder do not appear on the list maintained by the Security Council Committee established pursuant to resolution 1267 (1999). The list can be accessed via <http://www.un.org/Docs/sc/committees/1267/1267ListEng.htm>. This provision must be included in all sub-contracts or sub-agreements entered into under this Contract.

Section 12: Bill of Quantities (BoQ) of Works Contract
(For information purposes only)

**DETAILED PRICE SCHEDULE LOT 1 ITEM II REHABILITATION OF LIVESTOCK MARKET IN SELIM IN
TURKISH LIRA (TRY)**

| 8.1.1.A.Structural Works - Rehabilitation of the Livestock Market in Selim District | | | | | |
|--|-----------------|---|----------------|-------------------|--|
| No | Index No | Item Description | Unit | # of units | |
| 1* | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m ³ | 996.24 | |
| 2* | Y.15.140/02 | By supplying gravel, laying with hand, making irrigation and compression | m ³ | 372.60 | |
| 3* | Y.15.140/03 | By supplying sand, laying with machine, making irrigation and compression | m ³ | 475.34 | |
| 4* | Y.16.050/03 | Manufactured in concrete plant or bought and pumped with concrete pump ,pouring C 16/20 compressive strength class concrete (concrete shipping included) | m ³ | 63.30 | |
| 5* | Y.16.050/04 | Manufactured in concrete plant or bought and pumped with concrete pump ,pouring C 20/25 compressive strength class concrete (concrete shipping included) | m ³ | 2,029.89 | |
| 6 | Y.18.110/20C 06 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 177.91 | |
| 7 | Y.19.055/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 216.00 | |
| 8 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 101.07 | |
| 9 | Y.19.061/003 | Laying 10 cm thickness fiberglass blanket over roof space flooring (Fiberglass blanket - 18 kg/m ³ density) and water vapour permeable waterproof sheet | m ² | 149.00 | |
| 10 | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m ² | 2,447.41 | |
| 11 | Y.21.050/C01 | Making falsework with steel pipe (between 0,00-4,00m) | m ³ | 447.00 | |
| 12 | Y.21.051/C01 | Making full security frontal scaffold with steel pipe (between 0,00-51,50m) | m ² | 8,148.75 | |

| | | | | | | |
|---------|-------------------|--|----------------|---------------|--|--|
| 13 | Y.21.051/C03 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 447.00 | | |
| 14 | Y.22.001/02 | Making and placing wooden massive platformed external doorframe and skirting | m ² | 4.24 | | |
| 15 | Y.22.009/02 | Making and placing wooden massive platformed external doorleaf | m ² | 18.92 | | |
| 16 | Y.23.011 | Placing welded wire fabric 3,001-10,000 kg/m ² (including 10,000 kg/m ²) | Ton | 36.08 | | |
| 17 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 23.21 | | |
| 18 | Y.23.015 | Ø 14- Ø 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 19.04 | | |
| 19 * | Y.23.081 | Making and placing roof truss with structural shape | Ton | 43.61 | | |
| 20 * | Y.23.101 | Making carcass and framework with all kinds of structural shape, steel bars and plates (framework, beams from structural shape at necks, head pieces joints etc.) | Ton | 29.74 | | |
| 21 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 332.84 | | |
| 22 | Y.23.176 | Making and placing various ironworks with metal sheets and shapes | kg | 18,619.9 4 | | |
| 23 * | OZEL-08 | Manufacture of Paddock and Paddock Gates made with hot dip galvanized coating | kg | 28,513.9 6 | | |
| 24 | Y.23.241 | Making and placing plastic joinery (Manufacturing all kinds of door, windows ,overlay etc. With Hard PVC joinery profile) | kg | 600.00 | | |
| 25 | Y.25.002/02 | Dyeing iron surfaces with double anti-rust and double synthetic dye | m ² | 2,743.94 | | |
| 26 | Y.25.003/15 | Dyeing new plaster surface with undercoat applied water based paint(interior wall) | m ² | 316.09 | | |
| 27 | Y.25.004/04 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 243.55 | | |
| 28 | Y.26.008/304 A | Making flooring with 3mm joint spaces (30 x 30 cm) or (33 x 33 cm) nominal sized, all kinds of color, design and surface properties,made from I.quality, matt, bisque tiles (with tile glue) | m ² | 98.13 | | |
| 29 | Y.26.008/304 B | Making wallcoating and facework with 3mm joint spaces (30 x 30 cm) or (33 x 33 cm) nominal sized, all kinds of color, design and surface properties,made from I.quality, matt, bisque tiles (with tile glue) | m ² | 42.78 | | |

| | | | | | | |
|---|----------------|---|----------------|----------|--|--|
| 30 | Y.26.020/041 A | Making external windowledge with 3 cm thickness white marble tiles (3cmx30-40-50cmxfree length) (glazed) | m ² | 10.38 | | |
| 31 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m ² | 243.55 | | |
| 32 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m ² | 362.83 | | |
| 33 | Y.27.585 | Making 2.5 cm thickness 500 kg cement dosed floor | m ² | 101.07 | | |
| 34 | Y.28.645/C02 | Fixing PVC and aluminium joinery section and 4+4 mm thickness 12 mm interstitial spaced double glassed window units | m ² | 26.13 | | |
| 35 | A04 | Fixing internal and external doors with embbed roller (Narrow and Wide types) | Adet | 9.00 | | |
| 36 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 9.00 | | |
| 37 | A10 | Fixing knuckles | Adet | 124.00 | | |
| 38 | B01 | Fixing window bar set (handle, iron and detailed) | Adet | 13.00 | | |
| 39 | B11 | Fixing window bar set with handle (Handle included 100 cm.) (3 handle) (For wooden) | Adet | 4.00 | | |
| 40 | C04 | Fixing fanlight window bar set (handle included , truss included) | Adet | 30.00 | | |
| 41 | 18.185/1 | Demolishing plain or reinforced concrete bulding withouh using explosives | m ³ | 209.73 | | |
| 42 * | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m ² | 2,201.00 | | |
| TOTAL FOR STRUCTURAL WORKS (TRY) | | | | | | |

| 8.1.1.B.Electrical Works Rehabilitation of the Livestock Market in Selim District | | | | | | |
|--|-----------------|--|-------------|-------------------|--|--|
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 704-101 | Surface mounted plate Table 0.05-0.10 M2 (including 0.10 M2) | pc | 1.00 | | |
| 2 | 709-101 | Weatherproof casting Table-0,05 m ² | pc | 1.00 | | |
| 3 | 715-307 | THERMIC,MAGNETIC SHIELDED POWER SWITCH 3*40 A.(Table wake (TS EN 60947-2) | pc | 3.00 | | |
| 4 | 718-201 | DRY-TYPE THERMIC SHIELDED CONTACTOR 3*10 A. | pc | 5.00 | | |
| 5 | 718-522 | Residual current circuit breaker up to 4*63 A.(300mA) | pc | 1.00 | | |

| | | | | | | |
|----|----------|---|----------|--------|--|--|
| 6 | 718-563 | B CLASS 230V AC,100 kA (10/350ms), 3 PHASE, NEUTRAL-GROUND | pc | 1.00 | | |
| 7 | 723-401 | SELF-ARMED CENTRAL COMPENSATION BATTERIES, up to 400 V | kVA R | 16.00 | | |
| 8 | 724-401 | SWITCH AUTOMATIC FUSE 16 A. (3KA) (TS 5018-1 EN 60898-1) | pc | 5.00 | | |
| 9 | 724-406 | 3 PHASED SWITCH AUTOMATIC FUSE 16 A. (3KA) (TS 5018-1 EN 60898-1) | pc | 3.00 | | |
| 10 | 724-601 | 16A 6kA Mono Phase Automatic Fuse | pc | 11.00 | | |
| 11 | 725-731 | 3 PHASE REACTIVE ELECT.ELECTRICITY METER 3*230/400A.e Ka | pc | 1.00 | | |
| 12 | 725-904 | Indicating Lamp 250 V | pc | 6.00 | | |
| 13 | 727-119 | Feeder Cable 3X2,5 Mm2 Nya | m | 500.00 | | |
| 14 | 727-120 | Feed Line 3X1.5 Mm2 Nya | m | 75.00 | | |
| 15 | 727-525 | Feed Line Nyy 4X10 Mm2 | m | 40.00 | | |
| 16 | 727-527 | Feed Line Nyy 4X4 Mm2 | m | 420.00 | | |
| 17 | 734-101 | Normal Outlet | pc | 7.00 | | |
| 18 | 734-104 | Parallel Outlet | pc | 8.00 | | |
| 19 | 742-331 | U 1 Tip 2X20 W Fittings | pc | 2.00 | | |
| 20 | 742-432 | U 2 Tip 2X40 W Fittings (36W) | pc | 3.00 | | |
| 21 | 742-453 | LED PRJ. UP TO 60 WATT (220 V. AC.) | pc | 17.00 | | |
| 22 | 742-532 | DECORATIVE PURPOSED SUSPENDED CEILING FITTINGS : ATY2- 4x18 W | pc | 11.00 | | |
| 23 | 780-101 | Flush Mounted Normal Switch (TS 4915 EN 60669-1) | pc | 7.00 | | |
| 24 | 780-115 | Flush Mounted Grounded Receptacle (TS-40). | pc | 14.00 | | |
| 25 | 782-100 | Cable Tray Systems (Measurement: kg. Warehousing %60) | kg | 540.00 | | |
| 26 | 782-704 | DATA SOCKET CAT 5E OR CAT 6E RJ-45 (8 CONTACTS) (22,5 X 45 MM) | pc | 3.00 | | |
| 27 | 815-101 | Phone Installation Outlet | pc | 3.00 | | |
| 28 | 818-203 | External Building Distribution Line Plant 10 P | m | 40.00 | | |
| 29 | 819-101 | Phone Distribution Box up to 10 pairs | pc | 1.00 | | |
| 30 | 840-122 | 12 " MONITOR SPEAKERS | pc | 4.00 | | |
| 31 | 842-101 | TABLE TYPE MICROPHONE | pc | 1.00 | | |
| 32 | 844-205 | 2 x 800 W POWER AMPLIFIER | pc | 1.00 | | |
| 33 | 880-1201 | STANDING TYPE CABINETS 15U 600 mm * 600 mm 19" | pc | 1.00 | | |

| | | | | | | |
|---------------------------------------|-------------|--|----|--------|--|--|
| 34 | 880-1278 | WHEEL ASSEMBLY with brakes | pc | 1.00 | | |
| 35 | 880-1279 | THERMOSTAT FAN MODULE (1 FAN) | pc | 1.00 | | |
| 36 | 880-3159 | 2x0.75mm ² LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 250.00 | | |
| 37 | 880-561 | UTP CAT5E CABLE | m | 50.00 | | |
| 38 | 880-563 | UTP CAT6 CABLE | m | 350.00 | | |
| 39 | 880-601 | Multimode Fiber Optic Cable 2 core Shielded | m | 150.00 | | |
| 40 | 980-214 | ACTIVE LIGHTNING ATTRACTOR AVERAGE EXCITATION PATH L=60 MT | pc | 1.00 | | |
| 41 | 980-300 | RIDGEPOLE (FOR ACTIVE LIGHTNING ATTRACTOR) | pc | 1.00 | | |
| 42 | 981-101 | ROOF SURROUNDING WALL AND LOWERING CONDUCTOR 50 mm ² .Copper Wire | m | 30.00 | | |
| 43 | 982-102 | BUILDING SURROUNDING CONDUCTOR 30×3.5 MM GALVANIZED FLAT STEEL | m | 345.00 | | |
| 44 | 983-102 | GROUND ELECTROD (BAR), ELECTROLYTIC COPPER | pc | 8.00 | | |
| 45 | 983-103 | CONDUCTIVE PRESERVATIVE PIPE(3 m) | pc | 5.00 | | |
| 46 | 985-101 | THERMO WELD SUPPLEMENT UP TO 32 GR. WELDING POWDER | pc | 10.00 | | |
| 47 | 988-100 | CHEMICAL MATERIAL REDUCING GROUND RESISTANCE | kg | 10.00 | | |
| 48 | ÖZEL-ELK-13 | Speed dome colored 1/4" camera, 470 TVL, including montage accessories | pc | 6.00 | | |
| 49 | ÖZEL-ELK-14 | Speed dome control panel | pc | 1.00 | | |
| 50 | ÖZEL-ELK-15 | 8 channels full duplex multiplexer | pc | 1.00 | | |
| 51 | ÖZEL-ELK-16 | 21" colored monitor. 700 TVL | pc | 1.00 | | |
| TOTAL FOR ELECTRIC WORKS (TRY) | | | | | | |

8.1.1.C.Mechanical Works - Rehabilitation of the Livestock Market in Selim District

| No | Index No | Item Description | Unit | # of units | | |
|----|----------|------------------|------|------------|--|--|
|----|----------|------------------|------|------------|--|--|

| | | | | | | |
|-----|------------|--|-----|--------|--|--|
| 1* | 04.290/607 | Ø=400 mm Corrugated Sewer Pipes High density polyethylene (HDPE) and Polypropylene (PP) based (TS EN 13476-1) (SN 8) | m | 250.30 | | |
| 2 | 071-112 | Faience tile sink (extra class), 45x55 cm Console Half-legged faience ware extra class sinks | pc | 3.00 | | |
| 3 | 072-201 | Sink Installation, First class: (Battery TS EN 200; Siphon TS-EN 274-1-2-3) | set | 3.00 | | |
| 4 | 073-201 | Mirror (crystal glass) 40x50 cm+D106 | pc | 3.00 | | |
| 5 | 074-101 | Shelving unit (faience extra class) 50x10 cm | pc | 3.00 | | |
| 6 | 075-103 | Pan closet (faience ware extra class) with plastic siphon, 50x60 cm | pc | 2.00 | | |
| 7 | 076-500 | Compressed toilet washer | set | 2.00 | | |
| 8 | 089-105 | Faucet (long) 1.class 1/2" | pc | 18.00 | | |
| 9 | 090-101 | Soap dispenser (faience, armed), 16x16 cm | pc | 3.00 | | |
| 10 | 094-400 | Toilet-paper holder (stainless steel) | pc | 3.00 | | |
| 11 | 097-303 | Ground strainer(hard plastic with grids), 15x15 cm | pc | 1.00 | | |
| 12 | 117-303 | Electric water-heater (60 l, 1720 kcal/h, 1800 watt) | pc | 1.00 | | |
| 13* | 204-3102 | Pn 20 polypropylene clean water pipe 1/2" 20/3,4 mm Polypropylene clean water pipes | m | 20.00 | | |
| 14* | 204-3300 | Ø=400 mm Corrugated Sewer Pipes High density polyethylene (HDPE) and Polypropylene (PP) based (TS EN 13476-1) (SN 8) | 45% | 0.45 | | |
| 15* | 204-3103 | Price of physiotherm seamed and screwed-fitted polypropylene pipe montage supply inside the building | m | 60.00 | | |
| 17* | 204-3104 | Price of physiotherm seamed and screwed-fitted polypropylene pipe montage supply inside the building | m | 50.63 | | |
| 19* | 204-3105 | Price of physiotherm seamed and screwed-fitted polypropylene pipe montage supply inside the building | m | 50.36 | | |
| 20* | 204-401 | Price of physiotherm seamed and screwed-fitted polypropylene pipe montage supply inside the building | m | 1.50 | | |
| 21* | 204-402 | Price of 501 Bellmouth plastic drain pipe with drawtube montage supply | m | 2.70 | | |
| 22* | 204-403 | Price of 501 Bellmouth plastic drain pipe with drawtube montage supply | m | 160.00 | | |

| | | | | | | |
|---|---------|---|----|-------|--|--|
| 23* | 210-623 | Ball valve, brass tube, teflon joint ring (diameter: 15 mm) | pc | 2.00 | | |
| 24* | 210-627 | Ball valve, brass tube, teflon joint ring(diameter: 40 mm) | pc | 2.00 | | |
| 25* | 239-607 | 15.0-20.0 m³/h flow rated 10.0-15.0 mSS submersible waste water pump with grinder blade | pc | 6.00 | | |
| 26* | 241-414 | 28 mm diameter, 25 mm pipe wall thickness rubber based prefabricated pipe isolation | m | 60.00 | | |
| 27* | 241-420 | 35 mm diameter, 32 mm pipe wall thickness rubber based prefabricated pipe isolation | m | 50.63 | | |
| 28* | 241-424 | 42 mm diameter, 25 mm pipe wall thickness rubber based prefabricated pipe isolation | m | 50.36 | | |
| TOTAL FOR MECHANICAL WORKS (TRY) | | | | | | |

| 8.1.1.D.Infrastructure Works - Rehabilitation of the Livestock Market in Selim District | | | | | | |
|---|-----------------|---|-------------|-------------------|--|--|
| 8.1.1.D1.Infrastructure Works (Cesspool)- Rehabilitation of the Livestock Market in Selim District | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m³ | 693.88 | | |
| 2* | Y.15.140/02 | By supplying gravel, laying with hand, making irrigation and compression | m³ | 30.12 | | |
| 3* | Y.15.140/03 | By supplying sand, laying with machine, making irrigation and compression | m³ | 265.13 | | |
| 4* | Y.15.140/06 | By supplying gravel, draining | m³ | 9.17 | | |
| 5* | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 30.12 | | |
| 6* | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 134.79 | | |
| 7* | Y.18.460/23 | Ø 160 mm nominal diameter, PVC based corrugated drainage pipe supplying and furnishing | m² | 101.80 | | |

| 8* | Y.18.461/006 | Making double water isolation with 3 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 237.75 | | |
|--|-----------------|---|----------------|-------------------|--|--|
| 9* | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m ² | 580.71 | | |
| 10* | Y.21.050/C01 | Making falsework with steel pipe (between 0,00-4,00m) | m ³ | 428.75 | | |
| 11* | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 9.70 | | |
| 12* | Y.23.015 | Ø 14- Ø 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 6.47 | | |
| SUB-TOTAL D1 for Infrastructural Works (Cesspool) (TRY) | | | | | | |
| 8.1.1.D2.Infrastructural Works (Fertilizer Pit)- Rehabilitation of the Livestock Market in Selim District | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m ³ | 180.89 | | |
| 2* | Y.15.140/02 | By supplying gravel, laying with hand, making irrigation and compression | m ³ | 2.71 | | |
| 3* | Y.15.140/03 | By supplying sand, laying with machine, making irrigation and compression | m ³ | 91.25 | | |
| 4* | Y.15.140/06 | By supplying gravel, draining | m ³ | 2.07 | | |
| 5* | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 2.71 | | |
| 6* | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 24.93 | | |
| 7* | Y.18.460/23 | Ø 160 mm nominal diameter, PVC based corrugated drainage pipe supplying and furnishing | m ² | 23.00 | | |
| 8* | Y.18.461/006 | Making double water isolation with 3 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 175.00 | | |
| 9* | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m ² | 146.42 | | |
| 10* | Y.21.050/C01 | Making falsework with steel pipe (between 0,00-4,00m) | m ³ | 51.98 | | |

| | | | | | | |
|--|----------|---|-----|------|--|--|
| 11* | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 1.75 | | |
| 12* | Y.23.015 | 14- Ø 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 0.80 | | |
| SUB TOTAL D2 for Infrastructural Works (Fertilizer Pit) (TRY) | | | | | | |
| GRND TOTAL 8.1.1.D Infrastructural Works (D1+D2) | | | | | | |

**DETAILED PRICE SCHEDULE LOT 1 ITEM 2 CONSTRUCTION OF LIVESTOCK MARKET IN SARIKAMIŞ IN
TURKISH LIRA (TRY)**

| 8.1.2.A.Structural Works - Sarıkamış Livestock Market | | | | | | |
|--|-----------------|---|-------------|-------------------|--|--|
| 8.1.2.A1.Structural Works - Construction Items - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | MSB.322/A1 | Pouring of concrete in C 20/25 | m3 | 517.80 | | |
| 2* | Y.15.001/1A | Excavation of all soft and hard soil in every depth and width with machine | m³ | 778.97 | | |
| 3* | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m³ | 1,581.17 | | |
| 4* | Y.15.140/04 | By supplying gravel, laying with hand, making irrigation and compression | m³ | 1,167.78 | | |
| 5* | Y.15.140/08 | By supplying angular aggregate, laying with hand, making irrigation and compression | m³ | 778.97 | | |
| 6* | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 191.70 | | |
| 7* | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 638.99 | | |
| 8* | Y.18.460/21 | Ø 100 mm radius, PVC based corrugate drainage pipe supplying and placing | m | 419.10 | | |
| 9* | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m² | 2,969.65 | | |
| 10* | Y.21.001/04 | Making curved-surfaced reinforced-concrete formwork with metal sheet | m² | 247.47 | | |
| 11* | Y.21.050/C11 | Making falsework with steel pipe (between 0,00-4,00m) | m³ | 3,313.44 | | |

| 12 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 471.20 | | |
|--|--------------|---|----------------|------------|--|--|
| 13 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 286.56 | | |
| 14* | Y.23.011 | Placing welded wire fabric 3,001-10,000 kg/m ² (including 10,000 kg/m ²) | Ton | 23.69 | | |
| 15* | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 36.53 | | |
| 16* | Y.23.015 | Ø 14 - 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 12.30 | | |
| 17* | Y.23.081 | Making and placing roof truss with structural shape. | Ton | 4.66 | | |
| 18* | Y.23.101 | Making carcass and framework with all kinds of structural shape, steel bars and plates (framework, beams from structural shape at necks, head pieces joints etc.) | Ton | 163.65 | | |
| 19 | Y.25.002/02 | Dyeing iron surfacees with double anti-rust and double synthetic dye | m ² | 3,645.66 | | |
| Sub Total 8.1.2.A1.Structural Works - Construction Items - Sarıkamış Livestock Market | | | | | | |
| 8.1.2.A2. Structural Works - Field Architectural Items - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 23.260/İB-1 | Wired fence 2.63 m with concrete poles | m | 488.30 | | |
| 2 | KGM/6000 | Making subbase with crushed hearthstone material | m ³ | 683.80 | | |
| 3* | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m ² | 1,647.50 | | |
| 4* | ÖZEL 12 | Manure pit iron gate | M | 1.00 | | |
| 5* | ÖZEL 14 | Galvanized coated Waterers | ad | 124.00 | | |
| 6* | ÖZEL 2 | Preparation Of Parapets Using Galvanized Shaped Tube | m | 1,300.20 | | |
| 7* | ÖZEL 3 | Manufacturing and Installation of Paddock Doors | ad | 70.00 | | |
| 8* | ÖZEL 4 | Manufacturing and Installation of Ramp Doors | ad | 19.00 | | |
| 9* | ÖZEL 5 | Made from hollow sections and sheet iron door | m2 | 23.60 | | |
| 10* | ÖZEL 6 | Disinfection Passage | ad | 1.00 | | |
| 11* | ÖZEL 7 | Tons Weigh Bridge | ad | 1.00 | | |
| 12 | Y.26.017/032 | Steam cured concrete paving with stone flooring | m ² | 3,419.00 | | |
| 13 | Y.26.017/061 | laying white cement steam cured concrete curbs | m | 251.80 | | |
| Sub Total 8.1.2.A2. Structural Works - Field Architectural Items - Sarıkamış Livestock Market | | | | | | |

8.1.2.A3. Structural Works - Office Architectural Works - Sarıkamış Livestock Market

| No | Index No | Item Description | Unit | # of units | | |
|----|----------------|--|----------------|------------|--|--|
| 1 | 18.140/D1 | double -frame suspension system suspended ceiling with water and fire -resistant gypsum wall board | m ² | 104.02 | | |
| 2 | 19.061/008A | Laying 10 cm thickness fiberglass blanket over roof space flooring (Fiberglass blanket - 50 kg/m ³ density) and water vapour permeable waterproof sheet | m ² | 408.95 | | |
| 3 | 23.243/23 | ALUMINIUM SHEET STRIP SUSPENDED CEILING (OUTDOOR) | m ² | 20.03 | | |
| 4 | 27.528/3 | 3 mm thick coating of fillers on fine plaster, stucco etc. surfaces | m ² | 104.02 | | |
| 5 | A04 | Fixing internal and external doors with embbed roller (Narrow and Wide types) | Adet | 6.00 | | |
| 6 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 6.00 | | |
| 7 | A11 | Yaylı menteşenin yerine takılması | Adet | 18.00 | | |
| 8 | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m ² | 408.95 | | |
| 9 | MSB.922/A | 13 mm Compact Laminat ile Bölme Panosu ve Kapı Yapılması | m ² | 7.92 | | |
| 10 | ÖZEL-01 | Composite siding | m ² | 72.00 | | |
| 11 | ÖZEL 09 | Vapor barrier | m ² | 408.95 | | |
| 12 | ÖZEL 10 | Carpet floor covering | m ² | 9.50 | | |
| 13 | ÖZEL 11 | Trap car | ad | 2.00 | | |
| 14 | ÖZEL 13 | Fire exit | ad | 1.00 | | |
| 15 | Y.18.110/20C02 | Making wall with 10 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 45.99 | | |
| 16 | Y.18.110/20C06 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 222.44 | | |
| 17 | Y.18.461/008 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-10 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 115.64 | | |
| 18 | Y.18.461/009 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 524.59 | | |
| 19 | Y.18.461/042 | 250 gr/m ² ağırlıkta geotekstil keçe serilmesi | m ² | 295.45 | | |
| 20 | Y.19.055/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 | m ² | 270.91 | | |

| | | | | | | |
|----|---------------|---|----------------|--------|--|--|
| | | kPa pressure resistant) (Jacketing) | | | | |
| 21 | Y.19.056/003 | 5 cm kalınlıkta yüzeyi düzgün levhalar (XPS - 300 Kpa basınç dayanımlı) ile bodrum perdelerinde su yalıtımı üzerine ısı yalıtımı yapılması | m ² | 115.64 | | |
| 22 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 231.42 | | |
| 23 | Y.19.085/025 | Cement based, polymer -modified two-component total thickness of 1.5 mm waterproofing in 2 coats with ready to use mortar insulation | m ² | 20.03 | | |
| 24 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 363.16 | | |
| 25 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 576.44 | | |
| 26 | Y.21.101/06 | OSB / 3 coating on the roof | m ² | 408.95 | | |
| 27 | Y.21.280/01 | Laminate flooring | m ² | 9.50 | | |
| 28 | Y.22.001/01 | The massive wooden table top internal door frames and moldings | m ² | 11.13 | | |
| 29 | Y.22.009/03 | Laminate coated with panels made from both sides of the wood fiber (MDF) pressed , craft filled inner door panel production and fitting | m ² | 11.88 | | |
| 30 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 521.89 | | |
| 31 | Y.23.244/L | Powder coated insulated aluminum joinery manufacture and putting in place | kg | 865.00 | | |
| 32 | Y.25.002/01 | Dyeing iron surfaces with double anti-rust paint | m ² | 59.82 | | |
| 33 | Y.25.003/21 | Water-based primer applied two coats semi-matte paint on new flatter surfaces (interior) | m ² | 510.48 | | |
| 34 | Y.25.003/22 | LUSTER done by applying water-based paint two coats of satin lining on plaster and plasterboard surfaces (interior) | m ² | 104.02 | | |
| 35 | Y.25.004/05 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 270.91 | | |
| 36 | Y.26.006/303 | (20 x 25 cm) veya (20 x 30 cm) anma ebatlarında, her türlü desen ve yüzey özelliğinde, I.kalite, beyaz seramik duvar karoları ile 3 mm derz aralıklı duvar kaplaması yapılması (karo yapıştırıcısı ile) | m ² | 127.62 | | |
| 37 | Y.26.008/304A | (30 x 30 cm) veya (33 x 33 cm) anma ebatlarında, her türlü renk, desen ve yüzey özelliğinde, I.kalite, mat, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m ² | 20.03 | | |

| 38 | Y.26.008/405A | 40 x 40 cm anma ebatlarında, rektifiyeli, her türlü renk, desen ve yüzey özelliğinde, I.kalite, parlak, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m ² | 113.36 | | |
|--|----------------|--|----------------|------------|--|--|
| 39 | Y.26.020/042A | Making external windowledge with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m ² | 6.70 | | |
| 40 | Y.26.020/052A | Making parapet e with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m ² | 10.72 | | |
| 41 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m ² | 270.91 | | |
| 42 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m ² | 221.45 | | |
| 43 | Y.27.501/03 | 250/350 kg kireç/çimento karışımı kaba ve ince harçla sıva yapılması (tavan sıvası) | m ² | 289.03 | | |
| 44 | Y.27.501/08 | STUCCO CONTAINING CEMENT | m ² | 127.62 | | |
| 45 | Y.27.581 | LEVELING COARSE | m ² | 142.89 | | |
| 46 | Y.27.583 | 2.5 cm kalınlığında 400 kg çimento dozlu şap yapılması | m ² | 142.89 | | |
| 47 | Y.28.645/C04 | Fixing PVC and aluminium joinery section and 6+6 mm thickness 12 mm interstitial spaced double glassed window units | m ² | 308.48 | | |
| SubTotal 8.1.2.A3. Structural Works - Office Architectural Works - Sarıkamış Livestock Market | | | | | | |
| 8.1.2.A4. Structural Works - Quarantine Architectural Works - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | 18.233/10 | Mevcut ahşap, çelik, betonarme kiriş veya aşıklı çatı üzerine (4 cm) polistren dolgulu (Üst 0.70 mm trapezoidal Alt 0.50 mm düz) Alüminyum levhalar (EN AW 3003,Al-Mn1 Cu) ile ısı yalıtımlı çatı örtüsü yapılması. | m ² | 139.91 | | |
| 2 | A04 | Fixing internal and external doors with embbed roller (Narrow and Wide types) | Adet | 3.00 | | |
| 3 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 3.00 | | |
| 4 | A11 | Yaylı menteşenin yerine takılması | Adet | 9.00 | | |
| 5 | Y.18.110/20C06 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 170.43 | | |

| | | | | | | |
|---|--------------|---|----------------|--------|--|--|
| 6 | Y.18.461/008 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-10 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 34.72 | | |
| 7 | Y.18.461/009 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 34.72 | | |
| 8 | Y.18.461/042 | 250 gr/m ² ağırlıkta geotekstil keçe serilmesi | m ² | 136.95 | | |
| 9 | Y.19.056/003 | 5 cm kalınlıkta yüzeyi düzgün levhalar (XPS - 300 Kpa basınç dayanımlı) ile bodrum perdelerinde su yalıtımı üzerine ısı yalıtımı yapılması | m ² | 34.72 | | |
| 10 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 136.95 | | |
| 11 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 176.60 | | |
| 12 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 371.88 | | |
| 13 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 48.27 | | |
| 14 | Y.23.155 | 2,00 mm kalınlığında sıcak haddelenmiş sacdan bükme kapı kasası yapılması ve yerine konulması | kg | 198.00 | | |
| 15 | Y.23.244/L | Powder coated insulated aluminum joinery manufacture and putting in place | kg | 246.80 | | |
| 16 | Y.25.003/12 | Yeni sıva yüzeylere üç kat beyaz kireç badana yapılması (iç cephe) | m ² | 245.01 | | |
| 17 | Y.25.004/05 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 164.60 | | |
| 18 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m ² | 164.60 | | |
| 19 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m ² | 245.01 | | |
| 20 | Y.27.581 | LEVELING COARSE | m ² | 123.96 | | |
| 21 | Y.28.645/C04 | Fixing PVC and aluminium joinery section and 6+6 mm thickness 12 mm interstitial spaced double glass window units | m ² | 17.89 | | |
| Sub Total 8.1.2.A4. Structural Works - Quarantine Architectural Works - Sarıkamış Livestock Market | | | | | | |
| GRAND TOTAL 8.1.2.A Structural Works - Sarıkamış Livestock Market (A1+A2+A3+A4) | | | | | | |

8.1.2.B.Electric Works - Sarıkamış Livestock Market

| 8.1.2.B1.Electric Works -Livestock Market - Sarıkamış Livestock Market | | | | | | |
|--|---------------|---|------|------------|--|--|
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 20.5.1.-003 | 150 W.SODIUM VAPOR LIGHTING FIX. AT STEEL, WOOD AND CONCRETE POLES | Adet | 15.00 | | |
| 2 | 20.6.1-004 | 150 W. SODIUM VAPOR TRANSPARENT TUBE BULB HIGH PRESSURE IGNITION | Adet | 15.00 | | |
| 3 | 5.5.3.2.1/006 | AD1-60/15 TYPE, 70 KG. SINGLE CONSOLE GALVANIZED STEEL RANGE LIGHT POLE | AD | 15.00 | | |
| 4* | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm2 | m | 215.00 | | |
| 5* | 726-303 | PIPELESS FREE PAVED EARTHING LINE 10 mm2 | m | 70.00 | | |
| 6* | 726-304 | PIPELESS FREE PAVED EARTHING LINE 16 mm2 | m | 765.00 | | |
| 7* | 727-513 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 3*2.5 mm2 NYY | m | 630.00 | | |
| 8* | 727-524 | 1 kV yeraltı kablosu (NYY)-4x16 mm² | m | 325.00 | | |
| 9* | 727-525 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*10 mm2 NYY | m | 70.00 | | |
| 10* | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm2 NYY | m | 545.00 | | |
| 11* | 727-531 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 5*2.5 mm2 NYY | m | 140.00 | | |
| 12 | 742-453 | LED PRJ. UP TO 60 WATT (220 V. AC.) | Adet | 5.00 | | |
| 13 | 782-100 | CABLE TRAY SYSTEMS | kg | 290.00 | | |
| 14 | 839-101 | INTERNAL TYPE LINE TRANSFORMER AND INSTALLATION | Adet | 4.00 | | |
| 15 | 840-105 | EXTERNAL TYPE AIR PRESSURE SPEAKER 10 W. | Adet | 4.00 | | |
| 16 | 842-101 | TABLE MICROPHONE | Adet | 1.00 | | |
| 17 | 844-103 | AMPLIFIER AND INSTALLATION 75 W. | Adet | 1.00 | | |
| 18 | 880-1105 | RACK CABINETS 9U 600 mm * 600 mm 19" | Adet | 1.00 | | |
| 19 | 880-1280 | FAN MODULE WITH THERMOSTAT BELONGING TO PRODUCT (2 FANS) | Adet | 1.00 | | |
| 20 | 880-1287 | 19" RACK TYPE 6-FOLD GROUP SOCKET WITH SAFETY FUSE BELONGING TO PRODUCT | Adet | 1.00 | | |
| 21 | 880-3159 | 2x0.75mm2 LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 5.00 | | |
| 22 | 880-3204 | 2x2.5mm2 LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 160.00 | | |
| 23 | 880-431 | RG 6/U-6, 75 IMPEDANCE COAXIAL CABLE | m | 420.00 | | |

| 24 | 980-214 | ACTIVE CAPTURE TIP AVERAGE WARNING LINE L=60 MT | Adet | 1.00 | | |
|---|-------------|--|------|------------|--|--|
| 25 | 980-300 | PUNCHEON (FOR ACTIVE CAPTURE TIP) | Adet | 1.00 | | |
| 26 | 981-101 | ROOF SURROUNDING AND LOWERING CONDUCTOR 50 mm2 Electrolytic Copper Conductor | m | 90.00 | | |
| 27 | 982-102 | BUILDING SURROUNDING CONDUCTOR 30×3.5 MM GALVANIZED STEEL SHEET | m | 245.00 | | |
| 28 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 11.00 | | |
| 29 | 983-103 | PROTECTIVE CONDUCTOR PIPE | Adet | 1.00 | | |
| 30 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 4.00 | | |
| 31 | ÖZEL-ELK-01 | 2 MP EXTERNAL CAMERA | AD | 6.00 | | |
| 32 | ÖZEL-ELK-02 | 32' MONITOR | AD | 1.00 | | |
| 33 | ÖZEL-ELK-03 | 16 CHANNEL DVR | AD | 1.00 | | |
| 34 | ÖZEL-ELK-08 | STANDING OUTLET BOX | AD | 6.00 | | |
| 35 | ÖZEL-ELK-09 | PE 100 HDPE 10 ATU PIPE | MT | 555.00 | | |
| 36 | ÖZEL-ELK-10 | BARRIER | AD | 2.00 | | |
| 37 | ÖZEL-ELK-11 | I5-4GB RAM 500 GB HDD PC | AD | 1.00 | | |
| 38 | ÖZEL-ELK-12 | BARCODE READER | AD | 1.00 | | |
| SUB Total 8.1.2.B1.Electric Works -Livestock Market - Sarıkamış Livestock Market | | | | | | |
| 8.1.2.B2.Electric Works -Office, Quarantine, Barn - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | 726-301 | PIPELESS FREE PAVED EARTHING LINE 4 mm2 | m | 30.00 | | |
| 2* | 727-528 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*2.5 mm2 NYY | m | 30.00 | | |
| 3 | 739-102 | EMPTY PIPE INSTALLATION (26-37 mm) | m | 100.00 | | |
| 4 | 742-332 | GLASS FIBER REINFORCED POLYESTER BODY. U1 1*40 W. FLUORESCENT FIXTURE | Adet | 1.00 | | |
| 5 | 742-333 | GLASS FIBER REINFORCED POLYESTER BODY. U1 2*40 W. FLUORESCENT FIXTURE | Adet | 12.00 | | |
| 6 | 742-532 | DECORATIVE SUSPENDED CEILING FIXTURE: ATY2- 4x18 W | Adet | 12.00 | | |
| 7 | 742-538 | DECORATIVE SUSPENDED CEILING FIXTURE: ATY8- 2x18 W | Adet | 1.00 | | |

| 8 | 794-301 | Etange light outlet (with security line) NORMAL OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 11.00 | | |
|---|-------------|--|------|------------|--|--|
| 9 | 794-302 | Etange light outlet (with security line) SWITCH OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 8.00 | | |
| 10 | 794-304 | Etange light outlet (with security line) PARALLEL OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 9.00 | | |
| 11 | 796-103 | Etange socket outlet (with security line) LINES AND OUTLET LINES WITH UNLEADED ANTIGRONE (NHXMH) MATERIAL AND NORMAL SOCKET OUTLET | Adet | 32.00 | | |
| 12 | 815-101 | PHONE INSTALLATION OUTLET up to 2 pairs (together with earthing line) | Adet | 7.00 | | |
| 13 | 818-101 | INDOOR MAIN LINE SYSTEM up to 2 pairs P.14 | m | 100.00 | | |
| 14 | 819-101 | TELEPHONE DISTRIBUTION BOX up to 10 pairs | Adet | 1.00 | | |
| 15 | 819-102 | TELEPHONE DISTRIBUTION BOX up to 30 pairs | Adet | 2.00 | | |
| 16 | 845-103 | TELEVISION OUTLET | Adet | 5.00 | | |
| 17 | 982-102 | BUILDING SURROUNDING CONDUCTOR 30×3.5 MM GALVANIZED STEEL SHEET | m | 170.00 | | |
| 18 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 2.00 | | |
| 19 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 2.00 | | |
| 20 | ÖZEL-ELK-04 | 1*150W | AD | 3.00 | | |
| 21 | ÖZEL-ELK-05 | OZ2 1*13W | AD | 12.00 | | |
| 22 | ÖZEL-ELK-06 | SATELLITE | AD | 1.00 | | |
| 23 | ÖZEL-ELK-07 | 4-6 OUTPUT LNB | AD | 1.00 | | |
| Sub Total 8.1.2.B2.Electric Works -Office, Quarantine, Barn - Sarıkamış Livestock Market | | | | | | |
| 8.1.2.B3.Electric Works - Panel, Shifter - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 701-201 | Front cover panel | Adet | 1.00 | | |
| 2 | 704-104 | Sıva üstü sac tablo-0.30-0.40 m ² (0,40 m ² dahil) | Adet | 1.00 | | |
| 3 | 705-103 | Built-in sheet metal tables up to 0,20 - 0,30m ² (including 0,30 m ²) | Adet | 1.00 | | |
| 4 | 705-104 | Built-in sheet metal tables up to 0,30 - 0,40m ² (including 0,40 m ²) | Adet | 1.00 | | |

| | | | | | | |
|----|---------|--|------|-------|--|--|
| 5 | 707-102 | Automatically insured housing type sheet metal tables with switch 8 fuses | Adet | 2.00 | | |
| 6 | 713-304 | Selective paco switches of the type that are mounted on the table up to 3x25 A. (three-phase) | Adet | 3.00 | | |
| 7 | 715-307 | THERMIC,MAGNETIC SHIELDED POWER SWITCH 3*40 A.(Table wake (TS EN 60947-2) | Adet | 1.00 | | |
| 8 | 715-309 | Selective paco switches of the type that are mounted on the table up to 3 x 100 A. (three-phase) Icu:25kA, I1: (0,8-1)In | Adet | 3.00 | | |
| 9 | 718-203 | Dry-type thermal protector contactor up to 3x25 A | Adet | 1.00 | | |
| 10 | 718-310 | Timer, which is used as timer in lighting control | Adet | 1.00 | | |
| 11 | 718-507 | Kaçak akım koruma şalterleri-4x25 A'e kadar (30 mA) | Adet | 5.00 | | |
| 12 | 718-508 | Leakage protection circuit breakers- up to 4x40 A (30 mA) | Adet | 2.00 | | |
| 13 | 718-563 | Panel type surge protectors class B, 230V AC, 100 kA (10/350ms), three-phase, neutral ground | Adet | 1.00 | | |
| 14 | 723-401 | Automatic control central compensation batteries up to 400v. | kVAR | 27.50 | | |
| 15 | 724-601 | 6 KA cutting capacity auto safety fuse AUTO SAFETY FUSE WITH SWITCH 25 A. (6KA) (TS 5018-1 EN 60898-1) | Adet | 29.00 | | |
| 16 | 724-602 | 6 KA cutting capacity auto safety fuse AUTO SAFETY FUSE WITH SWITCH 25 A. (6KA) (TS 5018-1 EN 60898-1) | Adet | 1.00 | | |
| 17 | 724-606 | 3-PHASE AUTOMATIC SAFETY FUSE WITH SWITCH 16 A. (6KA)(TS 5018-1 EN 60898-1 | Adet | 7.00 | | |
| 18 | 724-607 | Anahtarlı otomatik sigorta (6 kA)-3x40 A'e kadar | Adet | 6.00 | | |
| 19 | 724-707 | Three-phase Automatic safety fuse with switch (10 kA)-up to 40 A | Adet | 6.00 | | |
| 20 | 724-708 | Anahtarlı otomatik sigorta (10 kA)-3x63 A'e kadar | Adet | 1.00 | | |
| 21 | 725-401 | Measure Current Transformer 100 - 500/5 A. | Adet | 6.00 | | |
| 22 | 725-511 | Energy analyzer | Adet | 1.00 | | |
| 23 | 725-731 | Three-phase Time Scheduled Electronic Type (Active-Reactive) 3x230/400 V..3x5(7,5) A Counters | Adet | 1.00 | | |
| 24 | 725-904 | Sign Lamp up to 250.V | Adet | 15.00 | | |
| 25 | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm2 | m | 70.00 | | |
| 26 | 726-303 | PIPELESS FREE PAVED EARTHING LINE 10 mm2 | m | 5.00 | | |

| | | | | | | |
|--|---------|---|---|--------|--|--|
| 27 | 726-304 | PIPELESS FREE PAVED EARTHING LINE 16 mm ² | m | 120.00 | | |
| 28 | 727-509 | 1 kV yeraltı kablosu (NYY)-3x16 mm ² | m | 5.00 | | |
| 29 | 727-521 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 3*50+25 mm ² | m | 125.00 | | |
| 30 | 727-522 | 1 kV yeraltı kablosu (NYY)-3x35+16 mm ² | m | 120.00 | | |
| 31 | 727-525 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*10 mm ² NYY | m | 5.00 | | |
| 32 | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm ² NYY | m | 70.00 | | |
| Sub Total 8.1.2.B3.Electric Works - Panel, Shifter - Sarıkamış Livestock Market | | | | | | |
| GRAND TOTAL 8.1.2.B.Electric Works - Sarıkamış Livestock Market | | | | | | |

| 8.1.2.C.Mechanical Works - Sarıkamış Livestock Market | | | | | | |
|--|-------------|---|------|------------|--|--|
| 8.1.2.C1.Mechanical Works - Plumbing - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 071-108 | oval sink | Adet | 5.00 | | |
| 2 | 075-103 | Pan closet (faience ware extra class) with plastic siphon, 50x60 cm | Adet | 4.00 | | |
| 3 | 079-100 | Self reserves European style toilets | Tk | 3.00 | | |
| 4 | 089-112 | Taps (short, perlatürl a) Class 1 1/2 " | Adet | 4.00 | | |
| 5 | 089-606 | Fitted head and hand shower set | Adet | 1.00 | | |
| 6 | 089-701 | Lavabo ve eviye sifonu | Adet | 5.00 | | |
| 7 | 089-922 | Fotoselli lavabo bataryası ve tesisatı, tek su girişli (krome) | Adet | 5.00 | | |
| 8 | 090-102 | Soap dish 16x31 cm | Adet | 1.00 | | |
| 9 | 094-100 | Kağıtlık (fayans), 16x16 cm | Adet | 7.00 | | |
| 10 | 097-203 | Yer süzgeci (sert plastik ızgaralı), 10x10 cm | Adet | 3.00 | | |
| 11 | 103-103 | Soğuk su sayacı (çap 25 mm, (1"), vidalı) | Adet | 1.00 | | |
| 12 | 117-304 | Electrical water heater (80 L, 1800 watt and above) | Adet | 1.00 | | |
| 13 | ÖZEL.MEK.01 | Liquid soap machine (0.5 lt) | Adet | 5.00 | | |
| Sub Total 8.1.2.C1.Mechanical Works - Plumbing - Sarıkamış Livestock Market | | | | | | |
| 8.1.2.C2.Mechanical Works - Common Plumbing - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of | | |

| | | | | units | | |
|---|-------------|--|------|--------|--|--|
| 1 | 204-3103 | Price of physiotherm seamed and screwed-fitted polypropylene pipe montage supply inside the building | m | 24.00 | | |
| 2 | 204-411 | Outside diameter 50 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 5.00 | | |
| 3 | 204-412 | Outside diameter 70 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 6.00 | | |
| 4 | 204-413 | Outside diameter 100 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 55.00 | | |
| 5 | 210-625 | Ball valve, brass tube, teflon joint ring (diameter: 25 mm) | Adet | 2.00 | | |
| 6 | 221-203 | Pislik tutucu, pik döküm, vidalı veya flanşlı (çap: 25 mm) | Adet | 1.00 | | |
| 7 | 228-603 | Geri tepme ventili, 25 mm, PN-16; gövdesi prinç, iç aksam komple paslanmaz çelik (flanşlar arası uygulanan disco tip | m | 1.00 | | |
| 8 | ÖZEL.MEK.02 | Ø25 (PE100) polyethylene pipes | m | 300.00 | | |
| 9 | ÖZEL.MEK.03 | Hot and cold presurized washing machine 20-200 bar | AD | 1.00 | | |
| Sub Total 8.1.2.C2.Mechanical Works - Common Plumbing - Sarıkamış Livestock Market | | | | | | |
| GRAND TOTAL 8.1.2.C.Mechanical Works - Sarıkamış Livestock Market | | | | | | |

| 8.1.2.D.Infrastructure Works - Sarıkamış Livestock Market | | | | | | |
|--|-------------|---|------|------------|--|--|
| 8.1.2.D1.Infrastructure Works - Water Base - Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömlekleşmesinin yapılması | m³ | 23.37 | | |
| 2 | 204-102 | Sert PVC içme su borusu (yapıştırma muflu, çap: 25 mm, 10 atü) | m | 74.00 | | |
| 3 | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m³ | 96.76 | | |
| Sub Total 8.1.2.D1.Infrastructure Works - Water Base - Sarıkamış Livestock Market | | | | | | |
| 8.1.2.D2.Infrastructure Works - Valve, flowmeter- Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of | | |

| | | | | units | | |
|--|-------------|--|------|------------|--|--|
| 1 | 103-105 | Soğuk su sayacı (çap 40 mm, (1 1/2"), vidalı) | Adet | 1.00 | | |
| 2 | 210-625 | Ball valve, brass tube, teflon joint ring (diameter: 25 mm) | Adet | 1.00 | | |
| Sub Total 8.1.2.D2.Infrastructurel Works - Valve, flowmeter- Sarıkamış Livestock Market | | | | | | |
| 8.1.2.D3.Infrastructurel Works - Waste Water- Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 12.2190/1 | Steam curing 500 dz prefabricated manhole | Adet | 5.00 | | |
| 2 | 12.2190/2 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 50 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 5.00 | | |
| 3 | 12.2190/3 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 25 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 5.00 | | |
| 4 | 12.2190/4 | Buhar kürlü 500 dz Prefabrik gövde yüksekliği ayar elemanı ile parsel bacası teşkili (H=Değişken yüksekliklerde ve birleşim yerleri 600 dz 'lu harç) | m | 5.00 | | |
| 5 | 12.2190/5 | BS 18 Betonu (350 dz lu) ile imal edilmiş çerçevesiz prefabrik betonarme kapağın parsel bacası üzerine yerleştirilmesi (Bahçedeki Parsel Bacaları için) | Adet | 5.00 | | |
| 6 | 12.2191/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 60 mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 7.00 | | |
| 7 | 12.2191/2 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 35mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 7.00 | | |
| 8 | 12.2191/5 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde yüksekliği ayar bileziği ile baca teşkili (H= 0 15-0 60 mt arasında değişken yükseklikte ve 1 00 mt iç çapındaki gövde yüksekliği ayar bileziği elemanları ile) | m | 7.00 | | |
| 9 | 12.2192/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası konik elemanı ile baca teşkili (1 00 mt iç çapında) | Adet | 7.00 | | |
| 10 | 12.2194 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası çerçeve montaj elemanı ile baca teşkili | Adet | 7.00 | | |
| 11 | 12.2195/1-1 | Çıkış çapı Ø 200 mm lik 500 Dz lu, buhar kürlü lastik conta bağlantılı prefabrik muayene bacası taban elemanı ile baca teşkili (1 giriş --1 çıkışlı) | Adet | 6.00 | | |

| 12 | 12.2195/1-2 | Çıkış çapı Ø 200 mm lik 500 Dz lu, buhar kürlü lastik conta bağlantılı prefabrik muayene bacası taban elemanı ile baca teşkili (2 giriş --1 çıkışlı) | Adet | 1.00 | | |
|---|-------------|--|------|------------|--|--|
| 13 | 12.2201 | Çapı Ø 150 mm (SN 8) PE100 KORUGE KANALİZASYON BORULARININ DÖŞENMESİ | m | 80.00 | | |
| 14 | 12.2202 | Çapı Ø 200 mm (SN 8) PE100 KORUGE KANALİZASYON BORULARININ DÖŞENMESİ | m | 197.00 | | |
| 15 | 14.1714/1 | Kazı malzemesinden makina ile hendek ve temel dolgusu yapılması | m³ | 221.28 | | |
| 16 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömlekleşmesinin yapılması | m³ | 87.12 | | |
| 17 | 23.255/İB-6 | Kanalizasyon inşaatlarında sfero döküm baca kapağı yapılması ve yerine konulması (küresel grafitli dökme demir) | Adet | 7.00 | | |
| 18 | Y.15.006/2B | Makine ile her derinlik ve her genişlikte yumuşak ve sert küskülük kazılması (Derin kazı) | m³ | 185.04 | | |
| 19 | Y.15.008/2B | Makine ile her derinlik ve her genişlikte bataklık ve balçık kazılması (Derin kazı) | m³ | 123.36 | | |
| Sub Total 8.1.2.D3.Infrastructure Works - Waste Water- Sarıkamış Livestock Market | | | | | | |
| 8.1.2.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Sarıkamış Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 15.140/İB-8 | Tuvenan kum -çakıl'ın (08 008 / İB) el ile (tokmaklanarak) sıkıştırılarak hendek ve temel taban ıslahı , boru tabanı yataklanması, borunun gömlekleşmesi , hendek ve temel dolgusu yapılması | m³ | 0.50 | | |
| 2 | 23.255/İB-7 | Kanalizasyon ve yağmursuyu inşaatlarında; sfero döküm ızgara | kg | 240.00 | | |
| 3 | 36.19706 | Çapı 150 mm, PVC DRENAJ BORULARININ DÖŞENMESİ [TAŞIMA HARİÇ,BORU VE BAŞ BAĞLAMA BEDELİ DAHİL] | m | 192.00 | | |
| 4 | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 3.83 | | |
| 5 | Y.21.001/01 | Ahşaptan seri kalıp yapılması | m² | 33.28 | | |
| 6 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 0.16 | | |
| Sub Total 8.1.2.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Sarıkamış Livestock Market | | | | | | |

| 8.1.2.D5.Infrastructure Works - Cesspool- Sarıkamış Livestock Market | | | | | | |
|--|-------------|---|----------------|------------|--|--|
| No | Index No | Item Description | Unit | # of units | | |
| 1 | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 3.83 | | |
| 2 | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 19.42 | | |
| 3 | Y.21.001/01 | Ahşaptan seri kalıp yapılması | m ² | 33.28 | | |
| 4 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 0.16 | | |
| 5 | Y.23.015 | Ø 14 - 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 1.43 | | |
| Sub Total 8.1.2.D5.Infrastructure Works - Cesspool- Sarıkamış Livestock Market | | | | | | |
| GRAND TOTAL 8.1.2.D.Infrastructure Works - Sarıkamış Livestock Market (D1+D2+D3+D4+D5) | | | | | | |

**DETAILED PRICE SCHEDULE LOT 2 ITEM 1 REHABILITATION OF LIVESTOCK MARKET IN HANAK IN
TURKISH LIRA (TRY)**

| 8.2.1.A.Structural Works - Hanak Livestock Market | | | | | | |
|---|-------------|--|----------------|------------|--|--|
| 8.2.1.A1.Structural Works - Construction Items - Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | MSB.322/A1 | Pouring of concrete in C 20/25 | m ³ | 218.40 | | |
| 2* | Y.15.001/1A | Excavation of all soft and hard soil in every depth and width with machine | m ³ | 273.08 | | |
| 3* | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m ³ | 520.04 | | |
| 4* | Y.15.140/04 | By supplying gravel, laying with hand, making irrigation and compression | m ³ | 288.75 | | |

| 5* | Y.15.140/08 | By supplying angular aggregate, laying with hand, making irrigation and compression | m ³ | 273.08 | | |
|--|--------------|---|----------------|------------|--|--|
| 6* | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 58.14 | | |
| 7* | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 214.09 | | |
| 8* | Y.18.460/21 | Ø 100 mm radius, PVC based corrugate drainage pipe supplying and placing | m | 259.85 | | |
| 9* | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m ² | 1,224.02 | | |
| 10* | Y.21.050/C11 | Making falsework with steel pipe (between 0,00-4,00m) | m ³ | 1,082.70 | | |
| 11* | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 25.50 | | |
| 12 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 126.75 | | |
| 13 | Y.23.011 | Placing welded wire fabric 3,001-10,000 kg/m ² (including 10,000 kg/m ²) | Ton | 9.13 | | |
| 14* | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 14.69 | | |
| 15* | Y.23.015 | Ø 14 - 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 3.13 | | |
| Sub Total 8.2.1.A1.Structural Works - Construction Items - Hanak Livestock Market | | | | | | |
| 8.2.1.A2. Structural Works - Field Architectural Items - Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | KGM/6000 | Making subbase with crushed hearthstone material | m ³ | 105.00 | | |
| 2* | ÖZEL 14 | Galvanized coated Waterers | ad | 68.00 | | |
| 3* | ÖZEL 2 | Preparation Of Parapets Using Galvanized Shaped Tube | m | 666.70 | | |

| 4* | ÖZEL 3 | Manufacturing and Installation of Paddock Doors | ad | 37.00 | |
|--|-----------------|---|------|------------|--|
| 5* | ÖZEL 4 | Manufacturing and Installation of Ramp Doors | ad | 19.00 | |
| 6* | ÖZEL 5 | Made from hollow sections and sheet iron door | m2 | 11.80 | |
| 7* | ÖZEL 6 | Disinfection Tunnel | ad | 1.00 | |
| 8* | ÖZEL 7 | Tons Weigh Bridge | ad | 1.00 | |
| 9 | Y.26.017/032 | Steam cured concrete paving with stone flooring | m² | 525.00 | |
| Sub Total 8.2.1.A2. Structural Works - Field Architectural Items - Hanak Livestock Market | | | | | |
| 8.2.1.A3. Structural Works - Office Architectural Works - Hanak Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1 | A04 | Fixing internal and external doors with embbed roller (Narrow and Wide types) | Adet | 3.00 | |
| 2 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 3.00 | |
| 3 | A11 | Yaylı menteşenin yerine takılması | Adet | 9.00 | |
| 4 | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m² | 63.98 | |
| 5 | ÖZEL 13 | Fire exit | ad | 1.00 | |
| 6 | Y.18.110/20C 02 | Making wall with 10 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm² ve 600-900 kg/m³, except 900 kg/m³) | m² | 13.74 | |
| 7 | Y.18.110/20C 06 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm² ve 600-900 kg/m³, except 900 kg/m³) | m² | 56.02 | |
| 8 | Y.18.461/008 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-10 cold bending) polymer bitumen sheetings with polyester mat carrier | m² | 20.65 | |
| 9 | Y.18.461/009 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m² | 127.29 | |
| 10 | Y.18.461/042 | 250 gr/m² ağırlıkta geotekstil keçe serilmesi | m² | 42.66 | |

| | | | | | | |
|----|--------------|---|----------------|--------|--|--|
| 11 | Y.19.055/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 59.78 | | |
| 12 | Y.19.056/003 | 5 cm kalınlıkta yüzeyi düzgün levhalar (XPS - 300 Kpa basınç dayanımlı) ile bodrum perdelerinde su yalıtımı üzerine ısı yalıtımı yapılması | m ² | 20.65 | | |
| 13 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 42.66 | | |
| 14 | Y.19.061/001 | Çatı arasına döşeme üzerine, 6 cm kalınlıkta camyünü şilte (Camyünü şilte - 18 kg/m ³ yoğunlukta) ve üzerine su buharı geçişine açık su yalıtım örtüsü serilmesi | m ² | 63.98 | | |
| 15 | Y.19.085/025 | Cement based, polymer -modified two-component total thickness of 1.5 mm waterproofing in 2 coats with ready to use mortar insulation | m ² | 4.20 | | |
| 16 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 102.25 | | |
| 17 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 36.95 | | |
| 18 | Y.21.101/01 | Ahşaptan oturtma çatı yapılması (çatı örtüsü altı tahta kaplamalı) | m ² | 58.16 | | |
| 19 | Y.22.009/03 | Laminate coated with panels made from both sides of the wood fiber (MDF) pressed , craft filled inner door panel production and fitting | m ² | 1.98 | | |
| 20 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 35.84 | | |
| 21 | Y.23.155 | 2,00 mm kalınlığında sıcak haddelenmiş sacdan bükme kapı kasası yapılması ve yerine konulması | kg | 114.84 | | |
| 22 | Y.23.244/L | Powder coated insulated aluminum joinery manufacture and putting in place | kg | 198.00 | | |
| 23 | Y.25.002/01 | Dyeing iron surfaces with double anti-rust paint | m ² | 22.99 | | |
| 24 | Y.25.003/21 | Water-based primer applied two coats semi-matte paint on new flatter surfaces (interior) | m ² | 141.34 | | |
| 25 | Y.25.004/05 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 78.95 | | |

| | | | | | | |
|---|----------------|---|----|--------|--|--|
| 26 | Y.26.006/303 | (20 x 25 cm) veya (20 x 30 cm) anma ebatlarında, her türlü desen ve yüzey özelliğinde, I.kalite, beyaz seramik duvar karoları ile 3 mm derz aralıklı duvar kaplaması yapılması (karo yapıştırıcısı ile) | m² | 21.96 | | |
| 27 | Y.26.008/304 A | (30 x 30 cm) veya (33 x 33 cm) anma ebatlarında, her türlü renk, desen ve yüzey özelliğinde, I.kalite, mat, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m² | 4.20 | | |
| 28 | Y.26.008/408 A | 60 x 60 cm anma ebatlarında, rektifiyeli, her türlü renk, desen ve yüzey özelliğinde, I.kalite, parlak, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m² | 21.79 | | |
| 29 | Y.26.020/042 A | Making external windowledge with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m² | 2.40 | | |
| 30 | Y.26.020/052 A | Making parapet e with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m² | 3.84 | | |
| 31 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m² | 78.95 | | |
| 32 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m² | 106.50 | | |
| 33 | Y.27.501/03 | 250/350 kg kireç/çimento karışımı kaba ve ince harçla sıva yapılması (tavan sıvası) | m² | 34.84 | | |
| 34 | Y.27.501/08 | STUCCO CONTAINING CEMENT | m² | 21.96 | | |
| 35 | Y.27.581 | LEVELING COARSE | m² | 34.84 | | |
| 36 | Y.27.583 | 2.5 cm kalınlığında 400 kg çimento dozlu şap yapılması | m² | 25.99 | | |
| 37 | Y.28.645/C04 | Fixing PVC and aluminium joinery section and 6+6 mm thickness 12 mm interstitial spaced double glassed window units | m² | 17.82 | | |
| Sub Total 8.2.1.A3. Structural Works - Office Architectural Works - Hanak Livestock Market | | | | | | |
| GRAND TOTAL 8.2.1.A.Structural Works - Hanak Livestock Market (A1+A2+A3) | | | | | | |

| 8.2.1.B.Electric Works - Hanak Livestock Market | | | | | | |
|---|----------|------------------|------|------|--|--|
| 8.2.1.B1.Electric Works -Livestock Market - Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of | | |

| | | | | units | | |
|-----|---------------|---|------|--------|--|--|
| 1 | 20.5.1.-003 | 150 W.SODIUM VAPOR LIGHTING FIX. AT STEEL, WOOD AND CONCRETE POLES | Adet | 11.00 | | |
| 2 | 20.6.1-004 | 150 W. SODIUM VAPOR TRANSPARENT TUBE BULB HIGH PRESSURE IGNITION | Adet | 11.00 | | |
| 3 | 5.5.3.2.1/006 | AD1-60/15 TYPE, 70 KG. SINGLE CONSOLE GALVANIZED STEEL RANGE LIGHT POLE | AD | 11.00 | | |
| 4* | 726-301 | PIPELESS FREE PAVED EARTHING LINE 4 mm2 | m | 80.00 | | |
| 5* | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm2 | m | 105.00 | | |
| 6* | 726-304 | PIPELESS FREE PAVED EARTHING LINE 16 mm2 | m | 390.00 | | |
| 7* | 727-513 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 3*2.5 mm2 NYY | m | 350.00 | | |
| 8* | 727-524 | 1 kV yeraltı kablosu (NYY)-4x16 mm ² | m | 110.00 | | |
| 9* | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm2 NYY | m | 385.00 | | |
| 10* | 727-528 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*2.5 mm2 NYY | m | 80.00 | | |
| 11* | 727-531 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 5*2.5 mm2 NYY | m | 120.00 | | |
| 12 | 742-453 | LED PRJ. UP TO 60 WATT (220 V. AC.) | Adet | 7.00 | | |
| 13 | 782-100 | CABLE TRAY SYSTEMS | kg | 175.00 | | |
| 14 | 839-101 | INTERNAL TYPE LINE TRANSFORMER AND INSTALLATION | Adet | 3.00 | | |
| 15 | 840-105 | EXTERNAL TYPE AIR PRESSURE SPEAKER 10 W. | Adet | 3.00 | | |
| 16 | 842-101 | TABLE MICROPHONE | Adet | 1.00 | | |
| 17 | 844-103 | AMPLIFIER AND INSTALLATION 75 W | Adet | 1.00 | | |
| 18 | 880-1105 | RACK CABINETS 9U 600 mm * 600 mm 19" | Adet | 1.00 | | |
| 19 | 880-1280 | FAN MODULE WITH THERMOSTAT BELONGING TO PRODUCT (2 FANS) | Adet | 1.00 | | |
| 20 | 880-1287 | 19" RACK TYPE 6-FOLD GROUP SOCKET WITH SAFETY FUSE BELONGING TO PRODUCT | Adet | 1.00 | | |

| 21 | 880-3159 | 2x0.75mm2 LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 5.00 | | |
|--|-------------|--|------|--------|--|--|
| 22 | 880-3204 | 2x2.5mm2 LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 125.00 | | |
| 23 | 880-431 | RG 6/U-6, 75 IMPEDANCE COAXIAL CABLE | m | 350.00 | | |
| 24 | 980-214 | ACTIVE CAPTURE TIP AVERAGE WARNING LINE L=60 MT | Adet | 1.00 | | |
| 25 | 980-300 | PUNCHEON (FOR ACTIVE CAPTURE TIP) | Adet | 1.00 | | |
| 26 | 981-101 | ROOF SURROUNDING AND LOWERING CONDUCTOR 50 mm2 Electrolytic Copper Conductor | m | 110.00 | | |
| 27 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 7.00 | | |
| 28 | 983-103 | PROTECTIVE CONDUCTOR PIPE | Adet | 1.00 | | |
| 29 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 2.00 | | |
| 30 | ÖZEL-ELK-01 | 2 MP EXTERNAL CAMERA | AD | 5.00 | | |
| 31 | ÖZEL-ELK-02 | 32' MONITOR | AD | 1.00 | | |
| 32 | ÖZEL-ELK-03 | 16 CHANNEL DVR | AD | 1.00 | | |
| 33 | ÖZEL-ELK-08 | STANDING OUTLET BOX | AD | 4.00 | | |
| 34 | ÖZEL-ELK-09 | PE 100 HDPE 10 ATU PIPE | MT | 370.00 | | |
| 35 | ÖZEL-ELK-10 | BARRIER | AD | 2.00 | | |
| 36 | ÖZEL-ELK-11 | I5-4GB RAM 500 GB HDD PC | AD | 1.00 | | |
| 37 | ÖZEL-ELK-12 | BARCODE READER | AD | 1.00 | | |
| Sub Total 8.2.1.B.Electric Works -Livestock Market - Hanak Livestock Market | | | | | | |
| 8.2.1.B2.Electric Works -Office - Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of | | |

| | | | | units | |
|----|-------------|--|------|-------|--|
| 1* | 726-301 | PIPELESS FREE PAVED EARTHING LINE 4 mm2 | m | 15.00 | |
| 2* | 727-528 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*2.5 mm2 NYY | m | 15.00 | |
| 3 | 739-102 | EMPTY PIPE INSTALLATION (26-37 mm) | m | 23.00 | |
| 4 | 741-202 | Bakalitten yapılmış üç fazlı fiş priz ve montajı-3x60 A'e kadar | Adet | 1.00 | |
| 5 | 742-279 | Flüoresan armatür U (etanş)-1x20 W | Adet | 1.00 | |
| 6 | 742-333 | GLASS FIBER REINFORCED POLYESTER BODY. U1 2*40 W. FLUORESCENT FIXTURE | Adet | 2.00 | |
| 7 | 742-532 | DECORATIVE SUSPENDED CEILING FIXTURE: ATY2- 4x18 W | Adet | 3.00 | |
| 8 | 794-301 | Etange light outlet (with security line) NORMAL OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 4.00 | |
| 9 | 794-302 | Etange light outlet (with security line) SWITCH OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 2.00 | |
| 10 | 796-103 | Etange socket outlet (with security line) LINES AND OUTLET LINES WITH UNLEADED ANTIGRONE (NHXMH) MATERIAL AND NORMAL SOCKET OUTLET | Adet | 11.00 | |
| 11 | 815-101 | PHONE INSTALLATION OUTLET up to 2 pairs (together with earthing line) | Adet | 3.00 | |
| 12 | 818-101 | INDOOR MAIN LINE SYSTEM up to 2 pairs P.14 | m | 23.00 | |
| 13 | 819-101 | TELEPHONE DISTRIBUTION BOX up to 10 pairs | Adet | 1.00 | |
| 14 | 819-102 | TELEPHONE DISTRIBUTION BOX up to 30 pairs | Adet | 2.00 | |
| 15 | 845-103 | TELEVISION OUTLET | Adet | 3.00 | |
| 16 | 982-102 | BUILDING SURROUNDING CONDUCTOR 30×3.5 MM GALVANIZED STEEL SHEET | m | 40.00 | |
| 17 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 1.00 | |
| 18 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 1.00 | |
| 19 | ÖZEL-ELK-06 | SATELLITE | AD | 1.00 | |
| 20 | ÖZEL-ELK- | 4-6 OUTPUT LNB | AD | 1.00 | |

| | 07 | | | | |
|---|-----------------|--|-------------|-------------------|--|
| Sub Total 8.1.2.B2.Electric Works -Office - Hanak Livestock Market | | | | | |
| 8.2.1.B3.Electric Works - Panel, Shifter - Hanak Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1 | 701-201 | Front cover panel | Adet | 1.00 | |
| 2 | 705-103 | Built-in sheet metal tables up to 0,20 - 0,30m2 (including 0,30 m2) | Adet | 1.00 | |
| 3 | 705-105 | Gömme tip sac tablo-0.40-0,50 m ² (0,50 m ² dahil) | Adet | 1.00 | |
| 4 | 713-304 | Selective paco switches of the type that are mounted on the table up to 3x25 A. (three-phase) | Adet | 3.00 | |
| 5 | 715-307 | THERMIC,MAGNETIC SHIELDED POWER SWITCH 3*40 A.(Table wake (TS EN 60947-2) | Adet | 1.00 | |
| 6 | 715-308 | Selective paco switches of the type that are mounted on the table up to 3 x 63 A. (three-phase) Icu:25kA, I1: (0,8-1)In | Adet | 2.00 | |
| 7 | 715-309 | Selective paco switches of the type that are mounted on the table up to 3 x 100 A. (three-phase) Icu:25kA, I1: (0,8-1)In | Adet | 1.00 | |
| 8 | 718-203 | Dry-type thermal protector contactor up to 3x25 A | Adet | 1.00 | |
| 9 | 718-310 | Timer, which is used as timer in lighting control | Adet | 1.00 | |
| 10 | 718-507 | Kaçak akım koruma şalterleri-4x25 A'e kadar (30 mA) | Adet | 5.00 | |
| 11 | 718-508 | Leakage protection circuit breakers- up to 4x40 A (30 mA) | Adet | 1.00 | |
| 12 | 718-563 | Panel type surge protectors class B, 230V AC, 100 kA (10/350ms), three-phase, neutral ground | Adet | 1.00 | |
| 13 | 723-401 | Automatic control central compensation batteries up to 400v. | kVA R | 25.00 | |
| 14 | 724-601 | 6 KA cutting capacity auto safety fuse AUTO SAFETY FUSE WITH SWITCH 25 A. (6KA) (TS 5018-1 EN 60898-1) | Adet | 23.00 | |
| 15 | 724-606 | 3-PHASE AUTOMATIC SAFETY FUSE WITH SWITCH 16 A. (6KA)(TS 5018-1 EN 60898-1 | Adet | 7.00 | |
| 16 | 724-707 | Three-phase Automatic safety fuse with switch (10 kA)-up to 40 A | Adet | 3.00 | |
| 17 | 724-708 | Anahtarlı otomatik sigorta (10 kA)-3x63 A'e kadar | Adet | 2.00 | |

| | | | | | | |
|--|---------|---|------|--------|--|--|
| 18 | 725-401 | Measure Current Transformer 100 - 500/5 A. | Adet | 6.00 | | |
| 19 | 725-511 | Energy analyzer | Adet | 1.00 | | |
| 20 | 725-731 | Three-phase Time Scheduled Electronic Type (Active-Reactive) 3x230/400 V..3x5(7,5) A Counters | Adet | 1.00 | | |
| 21 | 725-904 | Sign Lamp up to 250.V | Adet | 9.00 | | |
| 22 | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm2 | m | 60.00 | | |
| 23 | 726-303 | PIPELESS FREE PAVED EARTHING LINE 10 mm2 | m | 30.00 | | |
| 24 | 727-510 | 1 kV yeraltı kablosu (NYY)-3x10 mm ² | m | 5.00 | | |
| 25 | 727-522 | 1 kV yeraltı kablosu (NYY)-3x35+16 mm ² | m | 115.00 | | |
| 26 | 727-525 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*10 mm2 NYY | m | 30.00 | | |
| 27 | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm2 NYY | m | 60.00 | | |
| 28 | 727-528 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*2.5 mm2 NYY | m | 100.00 | | |
| Sub Total 8.2.1.B3.Electric Works - Panel, Shifter - Hanak Livestock Market | | | | | | |
| GRAND TOTAL 8.2.1.B.Electric Works - Hanak Livestock Market (B1+B2+B3) | | | | | | |

| 8.2.1.C.Mechanical Works - Hanak Livestock Market | | | | | | |
|--|-----------------|--|-------------|-------------------|--|--|
| 8.2.1.C1.Mechanical Works - Plumbing - Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 071-108 | oval sink | Adet | 1.00 | | |
| 2 | 079-100 | Kendinden rezerv.alafranga hela ve tes. (1.kalite) 35x55 cm | Tk | 1.00 | | |
| 3 | 089-606 | Fitted head and hand shower set | Adet | 1.00 | | |
| 4 | 089-701 | Lavabo ve eviye sifonu | Adet | 1.00 | | |
| 5 | 089-922 | Fotoselli lavabo bataryası ve tesisatı, tek su giriřli (krome) | Adet | 1.00 | | |
| 6 | 090-102 | Soap dish 16x31 cm | Adet | 1.00 | | |

| 7 | 094-100 | Kağıtlık (fayans), 16x16 cm | Adet | 1.00 | |
|---|-----------------|---|------|------------|--|
| 8 | 097-203 | Yer süzgeci (sert plastik ızgaralı), 10x10 cm | Adet | 1.00 | |
| 9 | 117-304 | Electrical water heater (80 L, 1800 watt and above) | Adet | 1.00 | |
| 10 | ÖZEL.MEK.0 1 | Liquid soap machine (0.5 lt) | Adet | 1.00 | |
| Sub Total 8.2.1.C1.Mechanical Works - Plumbing - Hanak Livestock Market | | | | | |
| 8.2.1.C2.Mechanical Works - Common Plumbing - Hanak Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1 | 204-3103 | Pn 20 polipropilen temiz su boru 3/4" 25/4,2 mm Polipropilen temiz su boruları | m | 12.00 | |
| 2 | 204-411 | Outside diameter 50 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 1.00 | |
| 3 | 204-412 | Outside diameter 70 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 2.00 | |
| 4 | 204-413 | Outside diameter 100 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 25.00 | |
| 5 | ÖZEL.MEK.0 2 | Ø25 (PE100) polyethylene pipes | m | 130.00 | |
| 6 | ÖZEL.MEK.0 3 | Hot and cold presurized washing machine 20-200 bar | Adet | 1.00 | |
| Sub Total 8.2.1.C2.Mechanical Works - Common Plumbing - Hanak Livestock Market | | | | | |
| Grand Total 8.2.1.C2.Mechanical Works - Hanak Livestock Market (C1+C2) | | | | | |

| 8.2.1.D.Infrastructure Works - Hanak Livestock Market | | | | | |
|--|----------|------------------|------|------------|--|
| 8.2.1.D1.Infrastructure Works - Water Supply - Hanak Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |

| 1 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömlekleşmesinin yapılması | m³ | 6.86 | | |
|---|-------------|---|------|------------|--|--|
| 2 | 204-102 | Sert PVC içme su borusu (yapıştırma muflu, çap: 25 mm, 10 atü) | m | 14.00 | | |
| 3 | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m³ | 27.47 | | |
| Sub Total 8.2.1.D1.Infrastructure Works - Water Supply - Hanak Livestock Market | | | | | | |
| 8.2.1.D2.Infrastructure Works - Valve, flowmeter- Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 103-105 | Soğuk su sayacı (çap 40 mm, (1 1/2")), vidalı) | Adet | 1 | | |
| 2 | 210-625 | Ball valve, brass tube, teflon joint ring (diameter: 25 mm) | Adet | 1 | | |
| Sub Total 8.2.1.D2.Infrastructure Works - Valve, flowmeter- Hanak Livestock Market | | | | | | |
| 8.2.1.D3.Infrastructure Works - Waste Water- Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 12.2190/1 | Steam curing 500 dz prefabricated manhole | Adet | 3.00 | | |
| 2 | 12.2190/2 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 50 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 3.00 | | |
| 3 | 12.2190/3 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 25 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 3.00 | | |
| 4 | 12.2190/4 | Buhar kürlü 500 dz Prefabrik gövde yüksekliği ayar elemanı ile parsel bacası teşkili (H=Değişken yüksekliklerde ve birleşim yerleri 600 dz 'lu harç) | m | 3.00 | | |
| 5 | 12.2190/5 | BS 18 Betonu (350 dz lu) ile imal edilmiş çerçevesiz prefabrik betonarme kapağın parsel bacası üzerine yerleştirilmesi (Bahçedeki Parsel Bacaları için) | Adet | 3.00 | | |
| 6 | 12.2191/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 60 mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 1.00 | | |

| 7 | 12.2191/2 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 35mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 1.00 | | |
|---|-------------|--|------|------------|--|--|
| 8 | 12.2191/5 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde yüksekliği ayar bileziği ile baca teşkili (H= 0 15-0 60 mt arasında değişken yükseklikte ve 1 00 mt iç çapındaki gövde yüksekliği ayar bileziği elemanları ile) | m | 1.00 | | |
| 9 | 12.2192/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası konik elemanı ile baca teşkili (1 00 mt iç çapında) | Adet | 1.00 | | |
| 10 | 12.2194 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası çerçeve montaj elemanı ile baca teşkili | Adet | 3.00 | | |
| 11 | 12.2195/1-1 | Çıkış çapı Ø 200 mm lik 500 Dz lu, buhar kürlü lastik conta bağlantılı prefabrik muayene bacası taban elemanı ile baca teşkili (1 giriş --1 çıkışlı) | Adet | 1.00 | | |
| 12 | 12.2202 | Çapı Ø 200 mm (SN 8) PE100 KORUGE KANALİZASYON BORULARININ DÖŞENMESİ | m | 72.00 | | |
| 13 | 14.1714/1 | Kazı malzemesinden makina ile hendek ve temel dolgusu yapılması | m³ | 60.48 | | |
| 14 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömleklenmesinin yapılması | m³ | 25.92 | | |
| 15 | 23.255/İB-6 | Kanalizasyon inşaatlarında sfero döküm baca kapağı yapılması ve yerine konulması (küresel grafitli dökme demir) | Adet | 3.00 | | |
| 16 | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m³ | 51.84 | | |
| 17 | Y.15.006/2B | Makine ile her derinlik ve her genişlikte yumuşak ve sert küskülük kazılması (Derin kazı) | m³ | 34.56 | | |
| Sub Total 8.2.1.D3.Infrastructure Works - Waste Water- Hanak Livestock Market | | | | | | |
| 8.2.1.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Hanak Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |

| | | | | | | |
|---|-------------|---|-----|--------|--|--|
| 1 | 15.140/İB-8 | Tuvenan kum -çakıl'ın (08 008 / İB) el ile (tokmaklanarak) sıkıştırılarak hendek ve temel taban ıslahı , boru tabanı yataklanması, borunun gömlekenmesi , hendek ve temel dolgusu yapılması | m³ | 0.25 | | |
| 2 | 23.255/İB-7 | Kanalizasyon ve yağmursuyu inşaatlarında; sfero döküm ızgara | kg | 120.00 | | |
| 3 | 36.19706 | Çapı 150 mm, PVC DRENAJ BORULARININ DÖŞENMESİ [TAŞIMA HARIÇ,BORU VE BAŞ BAĞLAMA BEDELİ DAHİL] | m | 88.00 | | |
| 4 | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 1.91 | | |
| 5 | Y.21.001/01 | Ahşaptan seri kalıp yapılması | m² | 16.54 | | |
| 6 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 0.01 | | |
| Sub Total 8.2.1.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Hanak Livestock Market | | | | | | |
| GRAND TOTAL 8.2.1.D.Infrastructure Works - Hanak Livestock Market (D1+D2+D3+D4) | | | | | | |

DETAILED PRICE SCHEDULE LOT 2 ITEM 2 CONSTRUCTION OF LIVESTOCK MARKET IN POSOF IN TURKISH LIRA (TRY)

| 8.2.2.A1.Structural Works - Posof Livestock Market | | | | | | |
|--|-----------------|--|-------------|-------------------|--|--|
| 8.2.2.A1.Structural Works - Construction Items - Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | MSB.322/A1 | Pouring of concrete in C 20/25 | M2 | 219.56 | | |
| 2* | Y.15.001/1A | Excavation of all soft and hard soil in every depth and width with machine | m³ | 292.62 | | |
| 3* | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m³ | 1,644.19 | | |

| | | | | | | |
|-----|--------------|---|----------------|----------|--|--|
| 4* | Y.15.140/04 | By supplying gravel, laying with hand, making irrigation and compression | m ³ | 928.80 | | |
| 5* | Y.15.140/08 | By supplying angular aggregate, laying with hand, making irrigation and compression | m ³ | 292.62 | | |
| 6* | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 146.68 | | |
| 7* | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 458.43 | | |
| 8* | Y.18.460/21 | Ø 100 mm radius, PVC based corrugate drainage pipe supplying and placing | m | 325.30 | | |
| 9* | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m ² | 2,238.93 | | |
| 10* | Y.21.001/04 | Making curved-surfaced reinforced-concrete formwork with metal sheet | m ² | 247.47 | | |
| 11* | Y.21.050/C11 | Making falsework with steel pipe (between 0,00-4,00m) | m ³ | 2,825.05 | | |
| 12 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 471.20 | | |
| 13 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 286.56 | | |
| 14* | Y.23.011 | Placing welded wire fabric 3,001-10,000 kg/m ² (including 10,000 kg/m ²) | Ton | 11.97 | | |
| 15* | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 23.55 | | |
| 16* | Y.23.015 | Ø 14 - 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 8.03 | | |
| 17* | Y.23.081 | Making and placing roof truss with structural shape. | Ton | 4.73 | | |
| 18* | Y.23.101 | Making carcass and framework with all kinds of structural shape, steel bars and plates (framework, beams from structural shape at necks, head pieces joints etc.) | Ton | 60.07 | | |
| 19 | Y.25.002/02 | Dyeing iron surfaces with double anti-rust and double synthetic dye | m ² | 1,401.09 | | |

| Sub Total 8.2.2.A1.Structural Works - Construction Items - Posof Livestock Market | | | | | |
|---|--------------|--|------|------------|--|
| 8.2.2.A2. Structural Works - Field Architectural Items - Posof Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1 | 23.260/İB-1 | Wired fence 2.63 m with concrete poles | m | 339.48 | |
| 2 | KGM/6000 | Making subbase with crushed hearthstone material | m³ | 454.00 | |
| 3* | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m² | 567.50 | |
| 4* | ÖZEL 12 | GÜBRE ÇUKURU GİRİŞ KAPISI | ad | 1.00 | |
| 5* | ÖZEL 14 | Galvanized coated Waterers | ad | 56.00 | |
| 6* | ÖZEL 2 | Preparation Of Parapets Using Galvanized Shaped Tube | m | 629.70 | |
| 7* | ÖZEL 3 | Manufacturing and Installation of Paddock Doors | ad | 36.00 | |
| 8* | ÖZEL 4 | Manufacturing and Installation of Ramp Doors | ad | 10.00 | |
| 9* | ÖZEL 5 | Made from hollow sections and sheet iron door | m2 | 21.60 | |
| 10* | ÖZEL 6 | DEZENFEKSİYON TÜNELİ | ad | 1.00 | |
| 11* | ÖZEL 7 | Tons Weigh Bridge | ad | 1.00 | |
| 12 | Y.26.017/032 | Steam cured concrete paving with stone flooring | m² | 2,270.00 | |
| 13 | Y.26.017/061 | laying white cement steam cured concrete curbs | m | 896.40 | |
| Sub Total 8.2.2.A2. Structural Works - Field Architectural Items - Posof Livestock Market | | | | | |
| 8.2.2.A3. Structural Works - Office Architectural Works - Posof Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1 | 18.140/D1 | double -frame suspension system suspended ceiling with water and fire -resistant gypsum wall board | m² | 104.02 | |
| 2 | 19.061/008A | Laying 10 cm thickness fiberglass blanket over roof space flooring (Fiberglass blanket - 50 kg/m³ density) and water vapour permeable waterproof sheet | m2 | 408.91 | |
| 3 | 23.243/23 | ALUMINIUM SHEET STRIP SUSPENDED CEILING (OUTDOOR) | m² | 20.03 | |
| 4 | 27.528/3 | 3 mm thick coating of fillers on fine plaster, stucco etc. surfaces | m² | 104.02 | |

| | | | | | | |
|----|-----------------|---|----------------|--------|--|--|
| 5 | A04 | Fixing internal and external doors with embbed roller (Narrow and Wide types) | Adet | 6.00 | | |
| 6 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 6.00 | | |
| 7 | A11 | Yaylı menteşenin yerine takılması | Adet | 18.00 | | |
| 8 | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m ² | 408.95 | | |
| 9 | MSB.922/A | 13 mm Compact Laminat ile Bölme Panosu ve Kapı Yapılması | m ² | 7.92 | | |
| 10 | ÖZEL-01 | Composite siding | m2 | 72.00 | | |
| 11 | ÖZEL 09 | Vapor barrier | m2 | 408.95 | | |
| 12 | ÖZEL 10 | Carpet floor covering | m2 | 9.50 | | |
| 13 | ÖZEL 11 | Trap car | ad | 2.00 | | |
| 14 | ÖZEL 13 | Fire exit | ad | 1.00 | | |
| 15 | Y.18.110/20C 02 | Making wall with 10 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 45.99 | | |
| 16 | Y.18.110/20C 06 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 222.44 | | |
| 17 | Y.18.461/008 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-10 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 115.64 | | |
| 18 | Y.18.461/009 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 524.59 | | |
| 19 | Y.18.461/042 | 250 gr/m ² ağırlıkta geotekstil keçe serilmesi | m ² | 295.45 | | |
| 20 | Y.19.055/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 270.91 | | |
| 21 | Y.19.056/003 | 5 cm kalınlıkta yüzeyi düzgün levhalar (XPS - 300 Kpa basınç dayanımlı) ile bodrum perdelerinde su yalıtımı üzerine ısı yalıtımı yapılması | m ² | 115.64 | | |

| | | | | | | |
|----|----------------|---|----------------|--------|--|--|
| 22 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 231.42 | | |
| 23 | Y.19.085/025 | Cement based, polymer -modified two-component total thickness of 1.5 mm waterproofing in 2 coats with ready to use mortar insulation | m ² | 20.03 | | |
| 24 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 363.16 | | |
| 25 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 576.44 | | |
| 26 | Y.21.101/06 | OSB / 3 coating on the roof | m ² | 408.95 | | |
| 27 | Y.21.280/01 | Laminate flooring | m ² | 9.50 | | |
| 28 | Y.22.001/01 | The massive wooden table top internal door frames and moldings | m ² | 11.13 | | |
| 29 | Y.22.009/03 | Laminate coated with panels made from both sides of the wood fiber (MDF) pressed , craft filled inner door panel production and fitting | m ² | 11.88 | | |
| 30 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 521.89 | | |
| 31 | Y.23.244/L | Powder coated insulated aluminum joinery manufacture and putting in place | kg | 865.00 | | |
| 32 | Y.25.002/01 | Dyeing iron surfaces with double anti-rust paint | m ² | 59.82 | | |
| 33 | Y.25.003/21 | Water-based primer applied two coats semi-matte paint on new flatter surfaces (interior) | m ² | 510.48 | | |
| 34 | Y.25.003/22 | LUSTER done by applying water-based paint two coats of satin lining on plaster and plasterboard surfaces (interior) | m ² | 104.02 | | |
| 35 | Y.25.004/05 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 270.91 | | |
| 36 | Y.26.006/303 | (20 x 25 cm) veya (20 x 30 cm) anma ebatlarında, her türlü desen ve yüzey özelliğinde, I.kalite, beyaz seramik duvar karoları ile 3 mm derz aralıklı duvar kaplaması yapılması (karo yapıştırıcısı ile) | m ² | 127.62 | | |
| 37 | Y.26.008/304 A | (30 x 30 cm) veya (33 x 33 cm) anma ebatlarında, her türlü renk, desen ve yüzey özelliğinde, I.kalite, mat, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m ² | 20.03 | | |

| 38 | Y.26.008/405 A | 40 x 40 cm anma ebatlarında, rektifiyeli, her türlü renk, desen ve yüzey özelliğinde, I.kalite, parlak, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m² | 113.36 | | |
|---|----------------|--|------|------------|--|--|
| 39 | Y.26.020/042 A | Making external windowledge with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m² | 6.70 | | |
| 40 | Y.26.020/052 A | Making parapet e with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m² | 10.72 | | |
| 41 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m² | 270.91 | | |
| 42 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m² | 221.45 | | |
| 43 | Y.27.501/03 | 250/350 kg kireç/çimento karışımı kaba ve ince harçla sıva yapılması (tavan sıvası) | m² | 289.03 | | |
| 44 | Y.27.501/08 | STUCCO CONTAINING CEMENT | m² | 127.62 | | |
| 45 | Y.27.581 | LEVELING COARSE | m² | 142.89 | | |
| 46 | Y.27.583 | 2.5 cm kalınlığında 400 kg çimento dozlu şap yapılması | m² | 142.89 | | |
| 47 | Y.28.645/C04 | Fixing PVC and aluminium joinery section and 6+6 mm thickness 12 mm interstitial spaced double glassed window units | m² | 308.48 | | |
| Sub Total 8.2.2.A3. Structural Works - Office Architectural Works - Posof Livestock Market | | | | | | |
| 8.2.2.A4. Structural Works - Quarantine Architectural Works - Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | 18.233/10 | Mevcut ahşap, çelik, betonarme kiriş veya aşıklı çatı üzerine (4 cm) polistren dolgulu (Üst 0.70 mm trapezoidal Alt 0.50 mm düz) Alüminyum levhalar (EN AW 3003,Al-Mn1 Cu) ile ısı yalıtımlı çatı örtüsü yapılması. | m² | 106.70 | | |
| 2 | A04 | Fixing internal and external doors with embbed roller (Narrow and Wide types) | Adet | 3.00 | | |
| 3 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 3.00 | | |
| 4 | A11 | Yaylı menteşenin yerine takılması | Adet | 9.00 | | |

| | | | | | | |
|----|----------------|---|----------------|--------|--|--|
| 5 | Y.18.110/20C06 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 121.04 | | |
| 6 | Y.18.461/008 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-10 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 26.04 | | |
| 7 | Y.18.461/009 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 26.04 | | |
| 8 | Y.18.461/042 | 250 gr/m ² ağırlıkta geotekstil keçe serilmesi | m ² | 77.49 | | |
| 9 | Y.19.056/003 | 5 cm kalınlıkta yüzeyi düzgün levhalar (XPS - 300 Kpa basınç dayanımlı) ile bodrum perdelerinde su yalıtımı üzerine ısı yalıtımı yapılması | m ² | 26.04 | | |
| 10 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 77.49 | | |
| 11 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 130.20 | | |
| 12 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 198.24 | | |
| 13 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 23.31 | | |
| 14 | Y.23.155 | 2,00 mm kalınlığında sıcak haddelenmiş sacdan bükme kapı kasası yapılması ve yerine konulması | kg | 174.24 | | |
| 15 | Y.23.244/L | Powder coated insulated aluminum joinery manufacture and putting in place | kg | 149.00 | | |
| 16 | Y.25.003/12 | Yeni sıva yüzeylere üç kat beyaz kireç badana yapılması (iç cephe) | m ² | 180.61 | | |
| 17 | Y.25.004/05 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 114.83 | | |
| 18 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m ² | 114.83 | | |

| | | | | | | |
|---|--------------|---|----------------|--------|--|--|
| 19 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m ² | 180.61 | | |
| 20 | Y.27.581 | LEVELING COARSE | m ² | 66.08 | | |
| 21 | Y.28.645/C04 | Fixing PVC and aluminium joinery section and 6+6 mm thickness 12 mm interstitial spaced double glassed window units | m ² | 11.47 | | |
| Sub Total 8.2.2.A4. Structural Works - Quarantine Architectural Works - Posof Livestock Market | | | | | | |
| GRAND TOTAL 8.2.2.A. Structural Works - Posof Livestock Market (A1+A2+A3+A4) | | | | | | |

| 8.2.2.B.Electric Works - Posof Livestock Market | | | | | | |
|---|-----------------|---|-------------|-------------------|--|--|
| 8.2.2.B1.Electric Works -Livestock Market - Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 20.5.1.-003 | 150 W.SODIUM VAPOR LIGHTING FIX. AT STEEL, WOOD AND CONCRETE POLES | Adet | 9.00 | | |
| 2 | 20.6.1-004 | 150 W. SODIUM VAPOR TRANSPARENT TUBE BULB HIGH PRESSURE IGNITION | Adet | 9.00 | | |
| 3 | 5.5.3.2.1/006 | AD1-60/15 TİPİ, 70 KG.TEK KONSOLLU GALVANİZLİ ÇELİK POLİGON AYDINLATMA DİREĞİ | AD | 9.00 | | |
| 4* | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm ² | m | 100.00 | | |
| 5* | 726-303 | PIPELESS FREE PAVED EARTHING LINE 10 mm ² | m | 175.00 | | |
| 6* | 726-304 | Topraklama hattı-16 mm ² (borusuz) | m | 232.00 | | |
| 7* | 727-513 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 3*2.5 mm ² NYY | m | 280.00 | | |
| 8* | 727-525 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*10 mm ² NYY | m | 175.00 | | |
| 9* | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm ² NYY | m | 332.00 | | |
| 10* | 727-531 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 5*2.5 mm ² NYY | m | 180.00 | | |

| | | | | | | |
|-----|-------------|--|------|--------|--|--|
| 11* | 742-453 | LED PRJ. UP TO 60 WATT (220 V. AC.) | Adet | 3.00 | | |
| 12 | 782-100 | CABLE TRAY SYSTEMS | kg | 90.00 | | |
| 13 | 839-101 | INTERNAL TYPE LINE TRANSFORMER AND INSTALLATION | Adet | 4.00 | | |
| 14 | 840-105 | EXTERNAL TYPE AIR PRESSURE SPEAKER 10 W. | Adet | 4.00 | | |
| 15 | 842-101 | TABLE MICROPHONE | Adet | 1.00 | | |
| 16 | 844-103 | AMPLIFIER AND INSTALLATION 75 W. | Adet | 1.00 | | |
| 17 | 880-1105 | RACK CABINETS 9U 600 mm * 600 mm 19" | Adet | 1.00 | | |
| 18 | 880-1280 | FAN MODULE WITH THERMOSTAT BELONGING TO PRODUCT (2 FANS) | Adet | 1.00 | | |
| 19 | 880-1287 | 19" RACK TYPE 6-FOLD GROUP SOCKET WITH SAFETY FUSE BELONGING TO PRODUCT | Adet | 1.00 | | |
| 20 | 880-3159 | 2x0.75mm ² LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 5.00 | | |
| 21 | 880-3204 | 2x2.5mm ² LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 40.00 | | |
| 22 | 880-431 | RG 6/U-6, 75 IMPEDANCE COAXIAL CABLE | m | 280.00 | | |
| 23 | 980-300 | PUNCHEON (FOR ACTIVE CAPTURE TIP) | Adet | 1.00 | | |
| 24 | 981-101 | ROOF SURROUNDING AND LOWERING CONDUCTOR 50 mm ² Electrolytic Copper Conductor | m | 120.00 | | |
| 25 | 982-102 | BUILDING SURROUNDING CONDUCTOR 30×3.5 MM GALVANIZED STEEL SHEET | m | 120.00 | | |
| 26 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 7.00 | | |
| 27 | 983-103 | PROTECTIVE CONDUCTOR PIPE | Adet | 1.00 | | |
| 28 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 7.00 | | |
| 29 | ÖZEL-ELK-01 | 2 MP EXTERNAL CAMERA | AD | 4.00 | | |
| 30 | ÖZEL-ELK-02 | 32' MONITOR | AD | 1.00 | | |
| 31 | ÖZEL-ELK- | 16 CHANNEL DVR | AD | 1.00 | | |

| | 03 | | | | |
|---|-------------|---|------|------------|--|
| 32 | ÖZEL-ELK-08 | STANDING OUTLET BOX | AD | 4.00 | |
| 33 | ÖZEL-ELK-09 | PE 100 HDPE 10 ATU PIPE | MT | 445.00 | |
| 34 | ÖZEL-ELK-10 | BARRIER | AD | 2.00 | |
| 35 | ÖZEL-ELK-11 | I5-4GB RAM 500 GB HDD PC | AD | 1.00 | |
| 36 | ÖZEL-ELK-12 | BARCODE READER | AD | 1.00 | |
| Sub Total 8.2.2.B1.Electric Works -Livestock Market - Posof Livestock Market | | | | | |
| 8.2.2.B2.Electric Works -Office, Quarantine, Barn - Posof Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1* | 726-301 | PIPELESS FREE PAVED EARTHING LINE 4 mm2 | m | 30.00 | |
| 2* | 727-528 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*2.5 mm2 NYY | m | 30.00 | |
| 3 | 739-102 | EMPTY PIPE INSTALLATION (26-37 mm) | m | 100.00 | |
| 4 | 742-332 | GLASS FIBER REINFORCED POLYESTER BODY. U1 1*40 W. FLUORESCENT FIXTURE | Adet | 1.00 | |
| 5 | 742-333 | GLASS FIBER REINFORCED POLYESTER BODY. U1 2*40 W. FLUORESCENT FIXTURE | Adet | 12.00 | |
| 6 | 742-532 | DECORATIVE SUSPENDED CEILING FIXTURE: ATY2- 4x18 W | Adet | 12.00 | |
| 7 | 742-538 | DECORATIVE SUSPENDED CEILING FIXTURE: ATY8- 2x18 W | Adet | 1.00 | |
| 8 | 794-301 | Etange light outlet (with security line) NORMAL OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 11.00 | |
| 9 | 794-302 | Etange light outlet (with security line) SWITCH OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 12.00 | |
| 10 | 794-304 | Etange light outlet (with security line) PARALLEL OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 6.00 | |

| 11 | 796-103 | Etange socket outlet (with security line) LINES AND OUTLET LINES WITH UNLEADED ANTIGRONE (NHXMH) MATERIAL AND NORMAL SOCKET OUTLET | Adet | 32.00 | | |
|---|-------------|--|------|------------|--|--|
| 12 | 815-101 | PHONE INSTALLATION OUTLET up to 2 pairs (together with earthing line) | Adet | 7.00 | | |
| 13 | 818-101 | INDOOR MAIN LINE SYSTEM up to 2 pairs P.14 | m | 100.00 | | |
| 14 | 819-101 | TELEPHONE DISTRIBUTION BOX up to 10 pairs | Adet | 1.00 | | |
| 15 | 819-102 | TELEPHONE DISTRIBUTION BOX up to 30 pairs | Adet | 2.00 | | |
| 16 | 845-103 | TELEVISION OUTLET | Adet | 5.00 | | |
| 17 | 982-102 | BUILDING SURROUNDING CONDUCTOR 30×3.5 MM GALVANIZED STEEL SHEET | m | 165.00 | | |
| 18 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 3.00 | | |
| 19 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 3.00 | | |
| 20 | ÖZEL-ELK-04 | 1*150W | AD | 3.00 | | |
| 21 | ÖZEL-ELK-05 | OZ2 1*13W | AD | 12.00 | | |
| 22 | ÖZEL-ELK-06 | SATELLITE | AD | 1.00 | | |
| 23 | ÖZEL-ELK-07 | 4-6 OUTPUT LNB | AD | 1.00 | | |
| Sub Total 8.2.2.B2.Electric Works -Office, Quarantine, Barn - Posof Livestock Market | | | | | | |
| 8.2.2.B3.Electric Works - Panel, Shifter - Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 701-201 | Front cover panel | Adet | 1.00 | | |
| 2 | 704-105 | Sıva üstü sac tablo-0.40-0,50 m ² (0,50 m ² dahil) | Adet | 1.00 | | |
| 3 | 705-103 | Built-in sheet metal tables up to 0,20 - 0,30m ² (including 0,30 m ²) | Adet | 1.00 | | |
| 4 | 705-105 | Gömme tip sac tablo-0.40-0,50 m ² (0,50 m ² dahil) | Adet | 1.00 | | |

| | | | | | | |
|----|---------|--|------|-------|--|--|
| 5 | 707-102 | Automatically insured housing type sheet metal tables with switch 8 fuses | Adet | 2.00 | | |
| 6 | 713-304 | Selective paco switches of the type that are mounted on the table up to 3x25 A. (three-phase) | Adet | 3.00 | | |
| 7 | 715-307 | THERMIC,MAGNETIC SHIELDED POWER SWITCH 3*40 A.(Table wake (TS EN 60947-2) | Adet | 1.00 | | |
| 8 | 715-308 | Selective paco switches of the type that are mounted on the table up to 3 x 63 A. (three-phase) Icu:25kA, I1: (0,8-1)In | Adet | 1.00 | | |
| 9 | 715-309 | Selective paco switches of the type that are mounted on the table up to 3 x 100 A. (three-phase) Icu:25kA, I1: (0,8-1)In | Adet | 2.00 | | |
| 10 | 718-310 | Timer, which is used as timer in lighting control | Adet | 1.00 | | |
| 11 | 718-507 | Kaçak akım koruma şalterleri-4x25 A'e kadar (30 mA) | Adet | 6.00 | | |
| 12 | 718-508 | Leakage protection circuit breakers- up to 4x40 A (30 mA) | Adet | 1.00 | | |
| 13 | 718-563 | Panel type surge protectors class B, 230V AC, 100 kA (10/350ms), three-phase, neutral ground | Adet | 1.00 | | |
| 14 | 723-401 | Automatic control central compensation batteries up to 400v. | kVAR | 25.00 | | |
| 15 | 724-601 | 6 KA cutting capacity auto safety fuse AUTO SAFETY FUSE WITH SWITCH 25 A. (6KA) (TS 5018-1 EN 60898-1) | Adet | 27.00 | | |
| 16 | 724-602 | 6 KA cutting capacity auto safety fuse AUTO SAFETY FUSE WITH SWITCH 25 A. (6KA) (TS 5018-1 EN 60898-1) | Adet | 1.00 | | |
| 17 | 724-606 | 3-PHASE AUTOMATIC SAFETY FUSE WITH SWITCH 16 A. (6KA)(TS 5018-1 EN 60898-1 | Adet | 7.00 | | |
| 18 | 724-607 | Anahtarlı otomatik sigorta (6 kA)-3x40 A'e kadar | Adet | 5.00 | | |
| 19 | 724-707 | Three-phase Automatic safety fuse with switch (10 kA)-up to 40 A | Adet | 6.00 | | |
| 20 | 724-708 | Anahtarlı otomatik sigorta (10 kA)-3x63 A'e kadar | Adet | 2.00 | | |
| 21 | 725-401 | Measure Current Transformer 100 - 500/5 A. | Adet | 6.00 | | |
| 22 | 725-511 | Energy analyzer | Adet | 1.00 | | |
| 23 | 725-731 | Three-phase Time Scheduled Electronic Type (Active-Reactive) 3x230/400 V..3x5(7,5) A Counters | Adet | 1.00 | | |
| 24 | 725-904 | Sign Lamp up to 250.V | Adet | 15.00 | | |

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|--|---------|---|---|--------|--|--|
| 25 | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm2 | m | 70.00 | | |
| 26 | 726-303 | PIPELESS FREE PAVED EARTHING LINE 10 mm2 | m | 5.00 | | |
| 27 | 727-510 | 1 kV yeraltı kablosu (NYY)-3x10 mm ² | m | 5.00 | | |
| 28 | 727-520 | 1 kV yeraltı kablosu (NYY)-3x70+35 mm ² | m | 200.00 | | |
| 29 | 727-525 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*10 mm2 NYY | m | 20.00 | | |
| 30 | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm2 NYY | m | 70.00 | | |
| Sub Total 8.2.2.B3.Electric Works - Panel, Shifter - Posof Livestock Market | | | | | | |
| GRAND TOTAL 8.2.2.B.Electric Works - Posof Livestock Market (B1+B2+B3) | | | | | | |

| 8.2.2.C.Mechanical Works -Posof Livestock Market | | | | | | |
|--|-----------------|---|-------------|-------------------|--|--|
| 8.2.2.C1.Mechanical Works - Plumbing - Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 071-108 | oval sink | Adet | 5.00 | | |
| 2 | 075-103 | Pan closet (faience ware extra class) with plastic siphon, 50x60 cm | Adet | 4.00 | | |
| 3 | 079-100 | Kendinden rezerv.alafranga hela ve tes. (1.kalite) 35x55 cm | Tk | 3.00 | | |
| 4 | 089-112 | Taps (short, perlatürl a) Class 1 1/2 " | Adet | 4.00 | | |
| 5 | 089-606 | Fitted head and hand shower set | Adet | 1.00 | | |
| 6 | 089-701 | Lavabo ve eviye sifonu | Adet | 5.00 | | |
| 7 | 089-922 | Fotoselli lavabo bataryası ve tesisatı, tek su girişli (krome) | Adet | 5.00 | | |
| 8 | 090-102 | Soap dish 16x31 cm | Adet | 1.00 | | |
| 9 | 094-100 | Kağıtlık (fayans), 16x16 cm | Adet | 7.00 | | |
| 10 | 097-203 | Yer süzgeci (sert plastik ızgaralı), 10x10 cm | Adet | 3.00 | | |
| 11 | 103-103 | Soğuk su sayacı (çap 25 mm, (1"), vidalı) | Adet | 1.00 | | |
| 12 | 117-304 | Electrical water heater (80 L, 1800 watt and above) | Adet | 1.00 | | |
| 13 | ÖZEL.MEK.0 | Liquid soap machine (0.5 lt) | Adet | 5.00 | | |

| | 1 | | | | | |
|---|-----------------|--|------|------------|--|--|
| Sub Total 8.2.2.C1.Mechanical Works - Plumbing - Posof Livestock Market | | | | | | |
| 8.2.2.C2.Mechanical Works - Common Plumbing - Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 204-3103 | Pn 20 polipropilen temiz su boru 3/4" 25/4,2 mm Polipropilen temiz su boruları | m | 24.00 | | |
| 2 | 204-411 | Outside diameter 50 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 5.00 | | |
| 3 | 204-412 | Outside diameter 70 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 6.00 | | |
| 4 | 204-413 | Outside diameter 100 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 65.00 | | |
| 5 | 210-625 | Ball valve, brass tube, teflon joint ring (diameter: 25 mm) | Adet | 2.00 | | |
| 6 | 221-203 | Pislik tutucu, pik döküm, vidalı veya flanşlı (çap: 25 mm) | Adet | 1.00 | | |
| 7 | 228-603 | Geri tepme ventili, 25 mm, PN-16; gövdesi prinç, iç aksam komple paslanmaz çelik (flanşlar arası uygulanan disco tip | m | 1.00 | | |
| 8 | ÖZEL.MEK.0 2 | Ø25 (PE100) polyethylene pipes | m | 180.00 | | |
| 9 | ÖZEL.MEK.0 3 | Hot and cold presurized washing machine 20-200 bar | AD | 1.00 | | |
| Sub Total 8.2.2.C2.Mechanical Works - Common Plumbing - Posof Livestock Market | | | | | | |
| GRAND TOTAL 8.2.2.C.Mechanical Works - Posof Livestock Market (C1+C2) | | | | | | |

| 8.2.2.D.Infrastructure Works - - Posof Livestock Market | | | | | | |
|--|----------|------------------|------|------------|--|--|
| 8.2.2.D1.Infrastructure Works - Water Supply - Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |

| 1 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömleklemeinin yapılması | m ³ | 23.37 | | |
|--|-------------|---|----------------|------------|--|--|
| 2 | 204-102 | Sert PVC içme su borusu (yapıştırma muflu, çap: 25 mm, 10 atü) | m | 24.00 | | |
| 3 | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m ³ | 30.46 | | |
| Sub Total 8.2.2.D1.Infrastructurel Works - Water Supply - Posof Livestock Market | | | | | | |
| 8.2.2.D2.Infrastructurel Works - Valve, flowmeter- Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 103-105 | Soğuk su sayacı (çap 40 mm, (1 1/2"), vidalı) | Adet | 1.00 | | |
| 2 | 210-625 | Ball valve, brass tube, teflon joint ring (diameter: 25 mm) | Adet | 1.00 | | |
| Sub Total 8.2.2.D2.Infrastructurel Works - Valve, flowmeter- Posof Livestock Market | | | | | | |
| 8.2.2.D3.Infrastructurel Works - Waste Water- Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 12.2190/1 | Steam curing 500 dz prefabricated manhole | Adet | 3.00 | | |
| 2 | 12.2190/2 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 50 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 3.00 | | |
| 3 | 12.2190/3 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 25 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 3.00 | | |
| 4 | 12.2190/4 | Buhar kürlü 500 dz Prefabrik gövde yüksekliği ayar elemanı ile parsel bacası teşkili (H=Değişken yüksekliklerde ve birleşim yerleri 600 dz 'lu harç) | m | 3.00 | | |
| 5 | 12.2190/5 | BS 18 Betonu (350 dz lu) ile imal edilmiş çerçevesiz prefabrik betonarme kapağın parsel bacası üzerine yerleştirilmesi (Bahçedeki Parsel Bacaları için) | Adet | 3.00 | | |
| 6 | 12.2191/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 60 mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 3.00 | | |

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|--|-------------|--|----------------|--------|--|--|
| 7 | 12.2191/2 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 35mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 3.00 | | |
| 8 | 12.2191/5 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde yüksekliği ayar bileziği ile baca teşkili (H= 0 15-0 60 mt arasında değişken yükseklikte ve 1 00 mt iç çapındaki gövde yüksekliği ayar bileziği elemanları ile) | m | 3.00 | | |
| 9 | 12.2192/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası konik elemanı ile baca teşkili (1 00 mt iç çapında) | Adet | 3.00 | | |
| 10 | 12.2194 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası çerçeve montaj elemanı ile baca teşkili | Adet | 3.00 | | |
| 11 | 12.2195/1-1 | Çıkış çapı Ø 200 mm lik 500 Dz lu, buhar kürlü lastik conta bağlantılı prefabrik muayene bacası taban elemanı ile baca teşkili (1 giriş --1 çıkışlı) | Adet | 2.00 | | |
| 12 | 12.2195/1-2 | Çıkış çapı Ø 200 mm lik 500 Dz lu, buhar kürlü lastik conta bağlantılı prefabrik muayene bacası taban elemanı ile baca teşkili (2 giriş --1 çıkışlı) | Adet | 1.00 | | |
| 13 | 12.2201 | Çapı Ø 150 mm (SN 8) PE100 KORUGE KANALİZASYON BORULARININ DÖŞENMESİ | m | 77.00 | | |
| 14 | 12.2202 | Çapı Ø 200 mm (SN 8) PE100 KORUGE KANALİZASYON BORULARININ DÖŞENMESİ | m | 83.00 | | |
| 15 | 14.1714/1 | Kazı malzemesinden makina ile hendek ve temel dolgusu yapılması | m ³ | 123.43 | | |
| 16 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömleklenmesinin yapılması | m ³ | 45.47 | | |
| 17 | 23.255/İB-6 | Kanalizasyon inşaatlarında sfero döküm baca kapağı yapılması ve yerine konulması (küresel grafitli dökme demir) | Adet | 3.00 | | |
| 18 | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m ³ | 101.34 | | |
| 19 | Y.15.006/2B | Makine ile her derinlik ve her genişlikte yumuşak ve sert küskülük kazılması (Derin kazı) | m ³ | 67.56 | | |
| Sub Total 8.2.2.D3.Infrastructure Works - Waste Water- Posof Livestock Market | | | | | | |

| 8.2.2.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Posof Livestock Market | | | | | | |
|---|-----------------|--|----------------|-------------------|--|--|
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 15.140/İB-8 | Tuvenan kum -çakıl'ın (08 008 / İB) el ile (tokmaklanarak) sıkıştırılarak hendek ve temel taban ıslahı , boru tabanı yataklanması, borunun gömleklemeesi , hendek ve temel dolgusu yapılması | m ³ | 0.32 | | |
| 2 | 23.255/İB-7 | Kanalizasyon ve yağmursuyu inşaatlarında; sfero döküm ızgara | kg | 150.00 | | |
| 3 | 36.19706 | Çapı 150 mm, PVC DRENAJ BORULARININ DÖŞENMESİ [TAŞIMA HARIÇ,BORU VE BAŞ BAĞLAMA BEDELİ DAHİL] | m | 88.00 | | |
| 4 | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 2.39 | | |
| 5 | Y.21.001/01 | Ahşaptan seri kalıp yapılması | m ² | 20.80 | | |
| 6 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 0.10 | | |
| Sub Total 8.2.2.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Posof Livestock Market | | | | | | |
| 8.2.2.D5.Infrastructure Works - Cesspool- Posof Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 1.62 | | |
| 2 | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 19.42 | | |
| 3 | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m ² | 143.68 | | |
| 4 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 1.06 | | |
| 5 | Y.23.015 | Ø 14 - 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 1.43 | | |

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|---|--|
| Sub Total 8.2.2.D5.Infrastructure Works - Cesspool- Posof Livestock Market | |
| GRAND TOTAL 8.2.2.D.Infrastructure Works - Posof Livestock Market (D1+D2+D3+D4+D5) | |

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| <p align="center">DETAILED PRICE SCHEDULE LOT 3 CONSTRUCTION OF LIVESTOCK MARKET IN ARDANUÇ IN TURKISH LIRA (TRY)</p> |
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| 8.3.A.Structural Works - Ardanuç Livestock Market | | | | | |
|--|-----------------|---|----------------|-------------------|--|
| 8.3.A1.Structural Works - Construction Items - Ardanuç Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1* | MSB.322/A1 | Pouring of concrete in C 20/25 | m ³ | 360.96 | |
| 2* | Y.15.001/1A | Excavation of all soft and hard soil in every depth and width with machine | m ³ | 7,535.00 | |
| 3* | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m ³ | 2,612.41 | |
| 4* | Y.15.140/04 | By supplying gravel, laying with hand, making irrigation and compression | m ³ | 2,069.94 | |
| 5* | Y.15.140/08 | By supplying angular aggregate, laying with hand, making irrigation and compression | m ³ | 481.29 | |
| 6* | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 194.76 | |
| 7* | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m ³ | 811.45 | |
| 8* | Y.18.460/21 | Ø 100 mm radius, PVC based corrugate drainage pipe supplying and placing | m | 415.40 | |
| 9* | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m ² | 3,988.36 | |
| 10* | Y.21.001/04 | Making curved-surfaced reinforced-concrete formwork with metal sheet | m ² | 247.47 | |
| 11 | Y.21.050/C11 | Making falsework with steel pipe (between 0,00-4,00m) | m ³ | 3,457.41 | |

| * | | | | | | |
|--|--------------|---|----------------|------------|--|--|
| 12 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 471.20 | | |
| 13 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 286.56 | | |
| 14* | Y.23.011 | Placing welded wire fabric 3,001-10,000 kg/m ² (including 10,000 kg/m ²) | Ton | 17.76 | | |
| 15* | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 38.33 | | |
| 16* | Y.23.015 | Ø 14 - 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 20.44 | | |
| 17* | Y.23.081 | Making and placing roof truss with structural shape. | Ton | 4.66 | | |
| 18* | Y.23.101 | Making carcass and framework with all kinds of structural shape, steel bars and plates (framework, beams from structural shape at necks, head pieces joints etc.) | Ton | 113.04 | | |
| 19 | Y.25.002/02 | Dyeing iron surfaces with double anti-rust and double synthetic dye | m ² | 2,576.49 | | |
| Sub Total 8.3.A1.Structural Works - Construction Items - Ardanuç Livestock Market | | | | | | |
| 8.3.A2. Structural Works - Field Architectural Items - Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 23.260/İB-1 | Wired fence 2.63 m with concrete poles | m | 503.88 | | |
| 2 | KGM/6000 | Making subbase with crushed hearthstone material | m ³ | 657.00 | | |
| 3* | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m ² | 1,107.50 | | |
| 4* | ÖZEL 14 | Galvanized coated Waterers | ad | 90.00 | | |
| 5* | ÖZEL 2 | Preparation Of Parapets Using Galvanized Shaped Tube | m | 977.85 | | |
| 6* | ÖZEL 3 | Manufacturing and Installation of Paddock Doors | ad | 52.00 | | |
| 7* | ÖZEL 4 | Manufacturing and Installation of Ramp Doors | ad | 13.00 | | |
| 8* | ÖZEL 5 | Made from hollow sections and sheet iron door | m2 | 21.60 | | |
| 9* | ÖZEL 6 | DEZENFEKSİYON TÜNELİ | ad | 1.00 | | |
| 10* | ÖZEL 7 | Tons Weigh Bridge | ad | 1.00 | | |
| 11 | Y.26.017/032 | Steam cured concrete paving with stone flooring | m ² | 3,285.00 | | |

| 12 | Y.26.017/061 | laying white cement steam cured concrete curbs | m | 158.00 | | |
|--|-----------------|--|----------------|------------|--|--|
| Sub Total 8.3.A2. Structural Works - Field Architectural Items - Ardanuç Livestock Market | | | | | | |
| 8.3.A3. Structural Works - Office Architectural Works - Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 18.140/D1 | double -frame suspension system suspended ceiling with water and fire -resistant gypsum wall board | m ² | 104.02 | | |
| 2 | 19.061/008A | Laying 10 cm thickness fiberglass blanket over roof space flooring (Fiberglass blanket - 50 kg/m ³ density) and water vapour permeable waterproof sheet | m ² | 408.95 | | |
| 3 | 23.243/23 | ALUMINIUM SHEET STRIP SUSPENDED CEILING (OUTDOOR) | m ² | 20.03 | | |
| 4 | 27.528/3 | 3 mm thick coating of fillers on fine plaster, stucco etc. surfaces | m ² | 104.02 | | |
| 5 | A04 | Fixing internal and external doors with embbbed roller (Narrow and Wide types) | Adet | 6.00 | | |
| 6 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 6.00 | | |
| 7 | A11 | Yaylı menteşenin yerine takılması | Adet | 18.00 | | |
| 8 | MSB.521/B2 | Making Painted,Trapezoidal sectioned plate roofing | m ² | 408.95 | | |
| 9 | MSB.922/A | 13 mm Compact Laminat ile Bölme Panosu ve Kapı Yapılması | m ² | 7.92 | | |
| 10 | ÖZEL-01 | Composite siding | M2 | 72.00 | | |
| 11 | ÖZEL 09 | Vapor barrier | m ² | 408.95 | | |
| 12 | ÖZEL 10 | Carpet floor covering | m ² | 9.50 | | |
| 13 | ÖZEL 11 | Trap car | ad | 2.00 | | |
| 14 | ÖZEL 13 | Fire exit | ad | 1.00 | | |
| 15 | Y.18.110/20C0 2 | Making wall with 10 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 45.99 | | |
| 16 | Y.18.110/20C0 6 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 222.44 | | |
| 17 | Y.18.461/008 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-10 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 115.64 | | |
| 18 | Y.18.461/009 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 524.59 | | |

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|----|--------------|---|----------------|--------|--|--|
| 19 | Y.18.461/042 | 250 gr/m ² ağırlıkta geotekstil keçe serilmesi | m ² | 295.45 | | |
| 20 | Y.19.055/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 270.91 | | |
| 21 | Y.19.056/003 | 5 cm kalınlıkta yüzeyi düzgün levhalar (XPS - 300 Kpa basınç dayanımlı) ile bodrum perdelerinde su yalıtımı üzerine ısı yalıtımı yapılması | m ² | 115.64 | | |
| 22 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 231.42 | | |
| 23 | Y.19.085/025 | Cement based, polymer -modified two-component total thickness of 1.5 mm waterproofing in 2 coats with ready to use mortar insulation | m ² | 20.03 | | |
| 24 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 363.16 | | |
| 25 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 576.44 | | |
| 26 | Y.21.101/06 | OSB / 3 coating on the roof | m ² | 408.95 | | |
| 27 | Y.21.280/01 | Laminate flooring | m ² | 9.50 | | |
| 28 | Y.22.001/01 | The massive wooden table top internal door frames and moldings | m ² | 11.13 | | |
| 29 | Y.22.009/03 | Laminate coated with panels made from both sides of the wood fiber (MDF) pressed , craft filled inner door panel production and fitting | m ² | 11.88 | | |
| 30 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 521.89 | | |
| 31 | Y.23.244/L | Powder coated insulated aluminum joinery manufacture and putting in place | kg | 865.00 | | |
| 32 | Y.25.002/01 | Dyeing iron surfaces with double anti-rust paint | m ² | 59.82 | | |
| 33 | Y.25.003/21 | Water-based primer applied two coats semi-matte paint on new flatter surfaces (interior) | m ² | 510.48 | | |
| 34 | Y.25.003/22 | LUSTER done by applying water-based paint two coats of satin lining on plaster and plasterboard surfaces (interior) | m ² | 104.02 | | |
| 35 | Y.25.004/05 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 270.91 | | |
| 36 | Y.26.006/303 | (20 x 25 cm) veya (20 x 30 cm) anma ebatlarında, her türlü desen ve yüzey özelliğinde, I.kalite, beyaz seramik duvar karoları ile 3 mm derz aralıklı duvar kaplaması yapılması (karo yapıştırıcısı ile) | m ² | 127.62 | | |

| 37 | Y.26.008/304A | (30 x 30 cm) veya (33 x 33 cm) anma ebatlarında, her türlü renk, desen ve yüzey özelliğinde, I.kalite, mat, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m² | 20.03 | | |
|---|---------------|--|------|------------|--|--|
| 38 | Y.26.008/405A | 40 x 40 cm anma ebatlarında, rektifiyeli, her türlü renk, desen ve yüzey özelliğinde, I.kalite, parlak, sırsız porselen karo ile 3 mm derz aralıklı döşeme kaplaması yapılması (karo yapıştırıcısı ile) | m² | 113.36 | | |
| 39 | Y.26.020/042A | Making external windowledge with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m² | 6.70 | | |
| 40 | Y.26.020/052A | Making parapet e with 3 cm thickness coloured marble tiles (3cmx30-40-50cmxfree length) (glazed) | m² | 10.72 | | |
| 41 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m² | 270.91 | | |
| 42 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m² | 221.45 | | |
| 43 | Y.27.501/03 | 250/350 kg kireç/çimento karışımı kaba ve ince harçla sıva yapılması (tavan sıvası) | m² | 289.03 | | |
| 44 | Y.27.501/08 | STUCCO CONTAINING CEMENT | m² | 127.62 | | |
| 45 | Y.27.581 | LEVELING COARSE | m² | 142.89 | | |
| 46 | Y.27.583 | 2.5 cm kalınlığında 400 kg çimento dozlu şap yapılması | m² | 142.89 | | |
| 47 | Y.28.645/C04 | Fixing PVC and aluminium joinery section and 6+6 mm thickness 12 mm interstitial spaced double glassed window units | m² | 308.48 | | |
| Sub Total 8.3.A3. Structural Works - Office Architectural Works - Ardanuç Livestock Market | | | | | | |
| 8.3.A4. Structural Works - Quarantine Architectural Works - Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | 18.233/10 | Mevcut ahşap, çelik, betonarme kiriş veya aşıklı çatı üzerine (4 cm) polistren dolgulu (Üst 0.70 mm trapezoidal Alt 0.50 mm düz) Alüminyum levhalar (EN AW 3003,Al-Mn1 Cu) ile ısı yalıtımlı çatı örtüsü yapılması. | m² | 139.91 | | |
| 2 | A04 | Fixing internal and external doors with embbed roller (Narrow and Wide types) | Adet | 3.00 | | |
| 3 | A08 | Fixing doorhandles and mirrors (with chrome plating) | Adet | 3.00 | | |

| | | | | | | |
|----|----------------|---|----------------|--------|--|--|
| 4 | A11 | Yaylı menteşenin yerine takılması | Adet | 9.00 | | |
| 5 | Y.18.110/20C06 | Making wall with 19 cm thickness non-structural pumice concrete wall blocks (with pumice concrete glue) (min. 1,50 N/mm ² ve 600-900 kg/m ³ , except 900 kg/m ³) | m ² | 170.43 | | |
| 6 | Y.18.461/008 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-10 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 34.72 | | |
| 7 | Y.18.461/009 | Making double water isolation with 3 mm and 4 mm thickness elastomer-based (-20 cold bending) polymer bitumen sheetings with polyester mat carrier | m ² | 34.72 | | |
| 8 | Y.18.461/042 | 250 gr/m ² ağırlıkta geotekstil keçe serilmesi | m ² | 136.95 | | |
| 9 | Y.19.056/003 | 5 cm kalınlıkta yüzeyi düzgün levhalar (XPS - 300 Kpa basınç dayanımlı) ile bodrum perdelerinde su yalıtımı üzerine ısı yalıtımı yapılması | m ² | 34.72 | | |
| 10 | Y.19.057/003 | Making external heat isolation and heat insulation plastering on outer wall with 5 cm thickness textured surface or textured rebate extruded polystyrene tiles (XPS - 200 kPa pressure resistant) (Jacketing) | m ² | 136.95 | | |
| 11 | Y.21.051/C11 | Making falsework with steel pipe (between 0,00-51,50m) | m ² | 176.60 | | |
| 12 | Y.21.051/C13 | Making full security scaffold for ceilings with steel pipe (between 0,00-21,50m) | m ³ | 371.88 | | |
| 13 | Y.23.152 | Making and placing doors and windows with square and rectangle structural shapes | kg | 48.27 | | |
| 14 | Y.23.155 | 2,00 mm kalınlığında sıcak haddelenmiş sacdan bükme kapı kasası yapılması ve yerine konulması | kg | 198.00 | | |
| 15 | Y.23.244/L | Powder coated insulated aluminum joinery manufacture and putting in place | kg | 246.80 | | |
| 16 | Y.25.003/12 | Yeni sıva yüzeylere üç kat beyaz kireç badana yapılması (iç cephe) | m ² | 245.01 | | |
| 17 | Y.25.004/05 | Dyeing Exposed concrete , plastered or old painted surfaces, with undercoat applied silicon-based water based painting (exterior wall) | m ² | 164.60 | | |
| 18 | Y.27.501/01 | Plastering with 250/350 kg cement dosed rendering and plastering mortar (exterior wall) | m ² | 164.60 | | |
| 19 | Y.27.501/02 | Plastering with 200/250 kg cement/lime mixed rendering and plastering mortar (exterior wall) | m ² | 245.01 | | |
| 20 | Y.27.581 | LEVELING COARSE | m ² | 123.96 | | |
| 21 | Y.28.645/C04 | Fixing PVC and aluminium joinery section and 6+6 mm thickness 12 mm interstitial spaced double glassed window units | m ² | 17.89 | | |

| Sub Total 8.3.A4. Structural Works - Quarantine Architectural Works - Ardanuç Livestock Market | | | | | |
|---|-----------------|---|-------------|-------------------|--|
| GRAND TOTAL 8.3.A. Structural Works - Ardanuç Livestock Market (A1+A2+A3+A4) | | | | | |
| | | | | | |
| 8.3.B.Electric Works - Ardanuç Livestock Market | | | | | |
| 8.3.B1.Electric Works -Livestock Market - Ardanuç Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1 | 20.5.1.-003 | 150 W.SODIUM VAPOR LIGHTING FIX. AT STEEL, WOOD AND CONCRETE POLES | Adet | 10.00 | |
| 2 | 20.6.1-004 | 150 W. SODIUM VAPOR TRANSPARENT TUBE BULB HIGH PRESSURE IGNITION | Adet | 10.00 | |
| 3 | 5.5.3.2.1/006 | AD1-60/15 TYPE, 70 KG. SINGLE CONSOLE GALVANIZED STEEL RANGE LIGHT POLE | AD | 10.00 | |
| 4* | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm2 | m | 25.00 | |
| 5* | 726-303 | Topraklama hattı-10 mm ² (borusuz) çıplak örgülü veya dolu bakır tel | m | 150.00 | |
| 6* | 726-304 | PIPELESS FREE PAVED EARTHING LINE 16 mm2 | m | 405.00 | |
| 7* | 727-513 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 3*2.5 mm2 NYY | m | 420.00 | |
| 8* | 727-524 | 1 kV yeraltı kablosu (NYY)-4x16 mm ² | m | 115.00 | |
| 9* | 727-525 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*10 mm2 NYY | m | 150.00 | |
| 10* | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm2 NYY | m | 315.00 | |
| 11* | 727-531 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 5*2.5 mm2 NYY | m | 90.00 | |
| 12 | 742-453 | LED PRJ. UP TO 60 WATT (220 V. AC.) | Adet | 4.00 | |
| 13 | 839-101 | INTERNAL TYPE LINE TRANSFORMER AND INSTALLATION | Adet | 4.00 | |
| 14 | 840-105 | EXTERNAL TYPE AIR PRESSURE SPEAKER 10 W. | Adet | 4.00 | |
| 15 | 842-101 | TABLE MICROPHONE | Adet | 1.00 | |

| 16 | 844-103 | AMPLIFIER AND INSTALLATION 75 W | Adet | 1.00 | | |
|---|-------------|--|------|------------|--|--|
| 17 | 880-1105 | RACK CABINETS 9U 600 mm * 600 mm 19" | Adet | 1.00 | | |
| 18 | 880-1280 | FAN MODULE WITH THERMOSTAT BELONGING TO PRODUCT (2 FANS) | Adet | 1.00 | | |
| 19 | 880-1287 | 19" RACK TYPE 6-FOLD GROUP SOCKET WITH SAFETY FUSE BELONGİNG TO PRODUCT | Adet | 1.00 | | |
| 20 | 880-3159 | 2x0.75mm2 LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 5.00 | | |
| 21 | 880-3204 | 2x2.5mm2 LIH (St)H HALOGEN FREE SIGNAL AND CONTROL CABLE | m | 165.00 | | |
| 22 | 880-431 | RG 6/U-6, 75 IMPEDANCE COAXIAL CABLE | m | 420.00 | | |
| 23 | 980-214 | ACTIVE CAPTURE TIP AVERAGE WARNING LINE L=60 MT | Adet | 1.00 | | |
| 24 | 980-300 | PUNCHEON (FOR ACTIVE CAPTURE TIP) | Adet | 1.00 | | |
| 25 | 981-101 | ROOF SURROUNDING AND LOWERING CONDUCTOR 50 mm2 Electrolytic Copper Conductor | m | 110.00 | | |
| 26 | 981-102 | 25 mm² elektrolitik bakır tel ile çatı ihata ve indirme iletkenleri tesisatı | m | 160.00 | | |
| 27 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 10.00 | | |
| 28 | 983-103 | PROTECTIVE CONDUCTOR PIPE | Adet | 1.00 | | |
| 29 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 10.00 | | |
| 30 | ÖZEL-ELK-01 | 2 MP EXTERNAL CAMERA | AD | 6.00 | | |
| 31 | ÖZEL-ELK-02 | 32' MONITOR | AD | 1.00 | | |
| 32 | ÖZEL-ELK-03 | 16 CHANNEL DVR | AD | 1.00 | | |
| 33 | ÖZEL-ELK-08 | STANDING OUTLET BOX | AD | 4.00 | | |
| 34 | ÖZEL-ELK-09 | PE 100 HDPE 10 ATU PIPE | AD | 355.00 | | |
| 35 | ÖZEL-ELK-10 | BARRIER | AD | 2.00 | | |
| 36 | ÖZEL-ELK-11 | I5-4GB RAM 500 GB HDD PC | AD | 1.00 | | |
| 37 | ÖZEL-ELK-12 | BARCODE READER | AD | 1.00 | | |
| Sub Total 8.3.B1.Electric Works -Livestock Market - Ardanuç Livestock Market | | | | | | |
| 8.3.B2.Electric Works -Office, Quarantine, Barn - Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1* | 726-301 | PIPELESS FREE PAVED EARTHING LINE 4 mm2 | m | 30.00 | | |

| | | | | | | |
|----|-------------|--|------|--------|--|--|
| 2* | 727-528 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*2.5 mm2 NYY | m | 30.00 | | |
| 3 | 739-102 | EMPTY PIPE INSTALLATION (26-37 mm) | m | 100.00 | | |
| 4 | 742-332 | GLASS FIBER REINFORCED POLYESTER BODY. U1 1*40 W. FLUORESCENT FIXTURE | Adet | 1.00 | | |
| 5 | 742-333 | GLASS FIBER REINFORCED POLYESTER BODY. U1 2*40 W. FLUORESCENT FIXTURE | Adet | 12.00 | | |
| 6 | 742-532 | DECORATIVE SUSPENDED CEILING FIXTURE: ATY2- 4x18 W | Adet | 12.00 | | |
| 7 | 794-301 | Etange light outlet (with security line) NORMAL OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 11.00 | | |
| 8 | 794-302 | Etange light outlet (with security line) SWITCH OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 12.00 | | |
| 9 | 794-304 | Etange light outlet (with security line) PARALLEL OUTLET (Lines and Outlet lines with unleaded antigrone (NHXMH) material.) | Adet | 6.00 | | |
| 10 | 796-103 | Etange socket outlet (with security line) LINES AND OUTLET LINES WITH UNLEADED ANTIGRONE (NHXMH) MATERIAL AND NORMAL SOCKET OUTLET | Adet | 32.00 | | |
| 11 | 815-101 | PHONE INSTALLATION OUTLET up to 2 pairs (together with earthing line) | Adet | 7.00 | | |
| 12 | 818-101 | INDOOR MAIN LINE SYSTEM up to 2 pairs P.14 | m | 100.00 | | |
| 13 | 819-102 | TELEPHONE DISTRIBUTION BOX up to 30 pairs | Adet | 2.00 | | |
| 14 | 845-103 | TELEVISION OUTLET | Adet | 5.00 | | |
| 15 | 982-102 | BUILDING SURROUNDING CONDUCTOR 30×3.5 MM GALVANIZED STEEL SHEET | m | 165.00 | | |
| 16 | 983-102 | GROUND ELECTRODE (ROD), ELECTROLYTIC COPPER | Adet | 3.00 | | |
| 17 | 985-104 | THERMOWELDING SUPPLEMENT UP TO 115 GR.WELDING DUST | Adet | 3.00 | | |
| 18 | ÖZEL-ELK-04 | 1*150W | AD | 3.00 | | |
| 19 | ÖZEL-ELK-05 | OZ2 1*13W | AD | 12.00 | | |
| 20 | ÖZEL-ELK-06 | SATELLITE | AD | 1.00 | | |
| 21 | ÖZEL-ELK-07 | 4-6 OUTPUT LNB | AD | 1.00 | | |

| Sub Total 8.3.B2.Electric Works -Office, Quarantine, Barn - Ardanuç Livestock Market | | | | | |
|--|----------|--|----------|------------|--|
| 8.3.B3.Electric Works - Panel, Shifter - Ardanuç Livestock Market | | | | | |
| No | Index No | Item Description | Unit | # of units | |
| 1 | 701-201 | Front cover panel | Adet | 1.00 | |
| 2 | 704-105 | Sıva üstü sac tablo-0.40-0,50 m ² (0,50 m ² dahil) | Adet | 1.00 | |
| 3 | 705-103 | Built-in sheet metal tables up to 0,20 - 0,30m ² (including 0,30 m ²) | Adet | 1.00 | |
| 4 | 705-105 | Gömme tip sac tablo-0.40-0,50 m ² (0,50 m ² dahil) | Adet | 1.00 | |
| 5 | 707-102 | Automatically insured housing type sheet metal tables with switch 8 fuses | Adet | 2.00 | |
| 6 | 713-304 | Selective paco switches of the type that are mounted on the table up to 3x25 A. (three-phase) | Adet | 3.00 | |
| 7 | 715-307 | THERMIC,MAGNETIC SHIELDED POWER SWITCH 3*40 A.(Table wake (TS EN 60947-2) | Adet | 1.00 | |
| 8 | 715-308 | Selective paco switches of the type that are mounted on the table up to 3 x 63 A. (three-phase) Icu:25kA, I1: (0,8-1)In | Adet | 1.00 | |
| 9 | 715-309 | Selective paco switches of the type that are mounted on the table up to 3 x 100 A. (three-phase) Icu:25kA, I1: (0,8-1)In | Adet | 2.00 | |
| 10 | 718-310 | Timer, which is used as timer in lighting control | Adet | 1.00 | |
| 11 | 718-507 | Kaçak akım koruma şalterleri-4x25 A'e kadar (30 mA) | Adet | 5.00 | |
| 12 | 718-508 | Leakage protection circuit breakers- up to 4x40 A (30 mA) | Adet | 2.00 | |
| 13 | 718-563 | Pano tipi aşırı gerilim koruyucusu, B sınıfı, 230 VAC, 100 kA üç faz, nötr-toprak | Adet | 1.00 | |
| 14 | 723-401 | Automatic control central compensation batteries up to 400v. | kVA R | 25.00 | |
| 15 | 724-601 | 6 KA cutting capacity auto safety fuse AUTO SAFETY FUSE WITH SWITCH 25 A. (6KA) (TS 5018-1 EN 60898-1) | Adet | 29.00 | |
| 16 | 724-602 | 6 KA cutting capacity auto safety fuse AUTO SAFETY FUSE WITH SWITCH 25 A. (6KA) (TS 5018-1 EN 60898-1) | Adet | 1.00 | |
| 17 | 724-606 | 3-PHASE AUTOMATIC SAFETY FUSE WITH SWITCH 16 A. (6KA)(TS 5018-1 EN 60898-1 | Adet | 7.00 | |
| 18 | 724-607 | Anahtarlı otomatik sigorta (6 kA)-3x40 A'e kadar | Adet | 5.00 | |

| | | | | | | |
|--|---------|---|------|--------|--|--|
| 19 | 724-707 | Three-phase Automatic safety fuse with switch (10 kA)-up to 40 A | Adet | 6.00 | | |
| 20 | 724-708 | Anahtarlı otomatik sigorta (10 kA)-3x63 A'e kadar | Adet | 2.00 | | |
| 21 | 725-401 | Measure Current Transformer 100 - 500/5 A. | Adet | 6.00 | | |
| 22 | 725-511 | Energy analyzer | Adet | 1.00 | | |
| 23 | 725-731 | Three-phase Time Scheduled Electronic Type (Active-Reactive) 3x230/400 V..3x5(7,5) A Counters | Adet | 1.00 | | |
| 24 | 725-904 | Sign Lamp up to 250.V | Adet | 15.00 | | |
| 25 | 726-302 | PIPELESS FREE PAVED EARTHING LINE 6 mm2 | m | 70.00 | | |
| 26 | 726-303 | PIPELESS FREE PAVED EARTHING LINE 10 mm2 | m | 20.00 | | |
| 27 | 727-510 | 1 kV yeraltı kablosu (NYY)-3x10 mm ² | m | 5.00 | | |
| 28 | 727-521 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 3*50+25 mm2 NYY (TS IEC 60502-1) | m | 135.00 | | |
| 29 | 727-525 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*10 mm2 NYY | m | 20.00 | | |
| 30 | 727-526 | 1KV UNDERGROUND CABLE, COLUMN AND POWER LINE 4*6 mm2 NYY | m | 70.00 | | |
| Sub Total 8.3.B3.Electric Works - Panel, Shifter - Ardanuç Livestock Market | | | | | | |
| GRAND TOTAL 8.3.B.Electric Works - Ardanuç Livestock Market (B1+B2+B3) | | | | | | |

| 8.3.C.Mechanical Works - Ardanuç Livestock Market | | | | | | |
|--|-----------------|---|-------------|-------------------|--|--|
| 8.3.C1.Mechanical Works - Plumbing - Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 071-108 | oval sink | Adet | 5.00 | | |
| 2 | 075-103 | Pan closet (faience ware extra class) with plastic siphon, 50x60 cm | Adet | 4.00 | | |
| 3 | 079-100 | Kendinden rezerv.alafranga hela ve tes. (1.kalite) 35x55 cm | Tk | 3.00 | | |
| 4 | 089-112 | Taps (short, perlatürl a) Class 1 1/2 " | Adet | 4.00 | | |
| 5 | 089-606 | Fitted head and hand shower set | Adet | 1.00 | | |
| 6 | 089-701 | Lavabo ve eviye sifonu | Adet | 5.00 | | |
| 7 | 089-922 | Fotoselli lavabo bataryası ve tesisatı, tek su girişli (krome) | Adet | 5.00 | | |

| 8 | 090-102 | Soap dish 16x31 cm | Adet | 1.00 | | |
|---|-------------|--|------|------------|--|--|
| 9 | 094-100 | Kağıtlık (fayans), 16x16 cm | Adet | 7.00 | | |
| 10 | 097-203 | Yer süzgeci (sert plastik ızgaralı), 10x10 cm | Adet | 3.00 | | |
| 11 | 103-103 | Soğuk su sayacı (çap 25 mm, (1"), vidalı) | Adet | 1.00 | | |
| 12 | 117-304 | Electrical water heater (80 L, 1800 watt and above) | Adet | 1.00 | | |
| 13 | ÖZEL.MEK.01 | Liquid soap machine (0.5 lt) | Adet | 5.00 | | |
| Sub Total 8.3.C1.Mechanical Works - Plumbing - Ardanuç Livestock Market | | | | | | |
| 8.3.C2.Mechanical Works - Common Plumbing - Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 204-3103 | Pn 20 polipropilen temiz su boru 3/4" 25/4,2 mm Polipropilen temiz su boruları | m | 24.00 | | |
| 2 | 204-411 | Outside diameter 50 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 5.00 | | |
| 3 | 204-412 | Outside diameter 70 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 6.00 | | |
| 4 | 204-413 | Outside diameter 100 mm , wall thickness from 3.2 mm mild Hard Polyvinyl Chloride (HPVC -U) plastic sewage pipes | m | 55.00 | | |
| 5 | 210-625 | Ball valve, brass tube, teflon joint ring (diameter: 25 mm) | Adet | 2.00 | | |
| 6 | 221-203 | Pislik tutucu, pik döküm, vidalı veya flanşlı (çap: 25 mm) | Adet | 1.00 | | |
| 7 | 228-603 | Geri tepme ventili, 25 mm, PN-16; gövdesi prinç, iç aksam komple paslanmaz çelik (flanşlar arası uygulanan disco tip | m | 1.00 | | |
| 8 | ÖZEL.MEK.02 | Ø25 (PE100) polyethylene pipes | m | 195.00 | | |
| 9 | ÖZEL.MEK.03 | Hot and cold presurized washing machine 20-200 bar | AD | 1.00 | | |
| Sub Total 8.3.C2.Mechanical Works - Common Plumbing - Ardanuç Livestock Market | | | | | | |
| Grand Total 8.3.C.Mechanical Works - Ardanuç Livestock Market | | | | | | |
| 8.3.D1.Infrastructure Works - Water Base - Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |

| 1 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömleklemeinin yapılması | m³ | 11.69 | | |
|---|-------------|---|------|------------|--|--|
| 2 | 204-102 | Sert PVC içme su borusu (yapıştırma muflu, çap: 25 mm, 10 atü) | m | 82.00 | | |
| 3 | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m³ | 16.12 | | |
| Sub Total 8.3.D1.Infrastructure Works - Water Base - Ardanuç Livestock Market | | | | | | |
| 8.3.D2.Infrastructure Works - Valve, flowmeter- Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 103-105 | Soğuk su sayacı (çap 40 mm, (1 1/2"), vidalı) | Adet | 1.00 | | |
| 2 | 210-625 | Ball valve, brass tube, teflon joint ring (diameter: 25 mm) | Adet | 1.00 | | |
| Sub Total 8.3.D2.Infrastructure Works - Valve, flowmeter- Ardanuç Livestock Market | | | | | | |
| 8.3.D3.Infrastructure Works - Waste Water- Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | 12.2190/1 | Steam curing 500 dz prefabricated manhole | Adet | 7.00 | | |
| 2 | 12.2190/2 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 50 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 7.00 | | |
| 3 | 12.2190/3 | Buhar kürlü 500 dz Prefabrik gövde elemanı ile parsel bacası teşkili (H=0 25 mt ve birleşim yerleri 600 dz 'lu harç) | Adet | 7.00 | | |
| 4 | 12.2190/4 | Buhar kürlü 500 dz Prefabrik gövde yüksekliği ayar elemanı ile parsel bacası teşkili (H=Değişken yüksekliklerde ve birleşim yerleri 600 dz 'lu harç) | m | 7.00 | | |
| 5 | 12.2190/5 | BS 18 Betonu (350 dz lu) ile imal edilmiş çerçevesiz prefabrik betonarme kapağın parsel bacası üzerine yerleştirilmesi (Bahçedeki Parsel Bacaları için) | Adet | 7.00 | | |
| 6 | 12.2191/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 60 mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 3.00 | | |
| 7 | 12.2191/2 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde bileziği ile baca teşkili (H= 0 35mt yüksekliğinde, 1 00 mt iç çapında) | Adet | 3.00 | | |

| 8 | 12.2191/5 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası gövde yüksekliği ayar bileziği ile baca teşkili (H= 0 15-0 60 mt arasında değişken yükseklikte ve 1 00 mt iç çapındaki gövde yüksekliği ayar bileziği elemanları ile) | m | 3.00 | | |
|---|-------------|--|----------------|------------|--|--|
| 9 | 12.2192/1 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası konik elemanı ile baca teşkili (1 00 mt iç çapında) | Adet | 3.00 | | |
| 10 | 12.2194 | Buhar kürlü, lastik contalı, 500 Dz prefabrik muayene bacası çerçeve montaj elemanı ile baca teşkili | Adet | 3.00 | | |
| 11 | 12.2195/1-1 | Çıkış çapı Ø 200 mm lik 500 Dz lu, buhar kürlü lastik conta bağlantılı prefabrik muayene bacası taban elemanı ile baca teşkili (1 giriş --1 çıkışlı) | Adet | 2.00 | | |
| 12 | 12.2195/1-2 | Çıkış çapı Ø 200 mm lik 500 Dz lu, buhar kürlü lastik conta bağlantılı prefabrik muayene bacası taban elemanı ile baca teşkili (2 giriş --1 çıkışlı) | Adet | 1.00 | | |
| 13 | 12.2201 | Çapı Ø 150 mm (SN 8) PE100 KORUGE KANALİZASYON BORULARININ DÖŞENMESİ | m | 94.00 | | |
| 14 | 12.2202 | Çapı Ø 200 mm (SN 8) PE100 KORUGE KANALİZASYON BORULARININ DÖŞENMESİ | m | 174.00 | | |
| 15 | 14.1714/1 | Kazı malzemesinden makina ile hendek ve temel dolgusu yapılması | m ³ | 211.73 | | |
| 16 | 15.140/İB-4 | Her katagoride granülometrik kum-çakıl'ın (08 009/İB-2) el ile sıkıştırılarak hendek ve temel taban ıslahı, boru tabanı yataklanması ve boru gömleklenmesinin yapılması | m ³ | 81.68 | | |
| 17 | 23.255/İB-6 | Kanalizasyon inşaatlarında sfero döküm baca kapağı yapılması ve yerine konulması (küresel grafitli dökme demir) | Adet | 3.00 | | |
| 18 | Y.15.001/2B | Excavation of all soft and hard soil in every depth and width with machine (Deep excavation) | m ³ | 176.04 | | |
| 19 | Y.15.006/2B | Makine ile her derinlik ve her genişlikte yumuşak ve sert küskülük kazılması (Derin kazı) | m ³ | 117.36 | | |
| Sub Total 8.3.D3.Infrastructure Works - Waste Water- Ardanuç Livestock Market | | | | | | |
| 8.3.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |

| 1 | 15.140/İB-8 | Tuvenan kum -çakıl'ın (08 008 / İB) el ile (tokmaklanarak) sıkıştırılarak hendek ve temel taban ıslahı , boru tabanı yataklanması, borunun gömleklenmesi , hendek ve temel dolgusu yapılması | m³ | 0.63 | | |
|---|-------------|--|------|------------|--|--|
| 2 | 23.255/İB-7 | Kanalizasyon ve yağmursuyu inşaatlarında; sfero döküm ızgara | kg | 300.00 | | |
| 3 | 36.19704 | Çapı 100 mm, PVC DRENAJ BORULARININ DÖŞENMESİ [TAŞIMA HARİÇ,BORU VE BAŞ BAĞLAMA BEDELİ DAHİL] | m | 66.00 | | |
| 4 | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 4.79 | | |
| 5 | Y.21.001/01 | Ahşaptan seri kalıp yapılması | m² | 41.60 | | |
| 6 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 0.20 | | |
| Sub Total 8.3.D4.Infrastructure Works - Rain Water, Base Water, Surface Water Drainage- Ardanuç Livestock Market | | | | | | |
| 8.3.D5.Infrastructure Works - Cesspool- Ardanuç Livestock Market | | | | | | |
| No | Index No | Item Description | Unit | # of units | | |
| 1 | Y.16.050/03 | Pouring of concrete in C 16/20 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 1.62 | | |
| 2 | Y.16.050/04 | Pouring of concrete in C 20/25 compressive strength class produced in concrete plant or bought and compressed with concrete pump (concrete shipping included) | m³ | 19.42 | | |
| 3 | Y.21.001/03 | Making flat-surfaced reinforced-concrete formwork with Plywood | m² | 143.68 | | |
| 4 | Y.23.014 | Ø 8- Ø 12 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 1.06 | | |
| 5 | Y.23.015 | Ø 14 - 28 mm deformed concrete reinforcing steel bar, cutting bars, bending and placing | Ton | 1.43 | | |
| Sub Total 8.3.D5.Infrastructure Works - Cesspool- Ardanuç Livestock Market | | | | | | |
| GRAND TOTAL 8.3.D.Infrastructure Works - Ardanuç Livestock Market (D1+D2+D3+D4+D5) | | | | | | |

