REQUEST FOR PROPOSAL (RFP 055/22)

<table>
<thead>
<tr>
<th>NAME &amp; ADDRESS OF FIRM</th>
<th>DATE: May 23, 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REFERENCE: Development of a package of design and estimate documents for the construction of the smart irrigation system in Shoghakat community of Gegharkunik region of the Republic of Armenia</td>
</tr>
</tbody>
</table>

Dear Sir / Madam:

We kindly request you to submit your Proposal for the Development of a package of design and estimate documents for the construction of the smart irrigation system in Shoghakat community of Gegharkunik region of the Republic of Armenia (the detailed TOR is attached separately as Annex 1a).

Please be guided by the form attached hereto as Annex 2, in preparing your Proposal.

Proposals may be submitted on or before, 13 June 2022, 4:00 pm local Yerevan time (GMT +4) via email, only:

to the following e-mail address: tenders.armenia@undp.org

Please note that proposals received through any other e-mail address will not be considered.

Your Proposal must be expressed in the English, and valid for a minimum period of 60 days calendar days.

In the course of preparing your Proposal, it shall remain your responsibility to ensure that it reaches the address above on or before the deadline. Proposals that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your Proposal by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

Services proposed shall be reviewed and evaluated based on completeness and compliance of the Proposal and responsiveness with the requirements of the RFP and all other annexes providing details of UNDP requirements.

The Proposal that complies with all of the requirements, meets all the evaluation criteria and offers the best value for money shall be selected and awarded the contract. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price shall be re-computed by UNDP, and the unit price shall prevail and the total price shall be corrected. If the Service Provider does not accept the final price based on UNDP’s re-computation and correction of errors, its Proposal will be rejected.

No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the Proposal. At the time of Award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) 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.

Any Contract or Purchase Order that will be issued as a result of this RFP shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a Proposal implies that the Service Provider accepts without question the General Terms and Conditions of UNDP, herein attached as Annex 3 (http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html).

Please be advised that UNDP is not bound to accept any Proposal, nor award a contract or Purchase Order, nor be responsible for any costs associated with a Service Providers preparation and submission of a Proposal, regardless of the outcome or the manner of conducting the selection process.

UNDP’s vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a Purchase Order or Contract in a competitive procurement process. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link: https://www.undp.org/procurement/business/protest-and-sanctions

UNDP encourages every prospective Service Provider to prevent and avoid conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, cost estimates, and other information used in this RFP.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to preventing, identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its Service Providers to adhere to the UN Supplier Code of Conduct found in this link: UN Supplier Code of Conduct | UN Procurement Division

Thank you and we look forward to receiving your Proposal.

Sincerely yours,

Procurement Unit
UNDP Armenia
### Description of Requirements

<table>
<thead>
<tr>
<th>Context of the Requirement</th>
<th>Development of a package of design and estimate documents for the construction of the smart irrigation system in Shoghakat community of Gegharkunik region of the Republic of Armenia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implementing Partner/s of UNDP</td>
<td></td>
</tr>
</tbody>
</table>
| Brief Description of the Required Services¹ | • Development of a package of design and estimate documents for the construction of the smart irrigation system in Shoghakat community of Gegharkunik region of the Republic of Armenia.  
• Provide supervision advisory services during the rehabilitation works |
| List and Description of Expected Outputs to be Delivered | − As per Annex 1a – Terms of Reference (TOR) |
| Person to Supervise the Work/Performance of the Service Provider | UNDP “Women and Youth for Innovative Local Development” Project Coordinator |
| Frequency of Reporting | As per TOR (Annex 1a) |
| Progress Reporting Requirements | As per TOR (Annex 1a) |
| Location of work | ☐ Exact Address as provided below  
☒ At Contractor’s Location |
| Expected duration of work | 30 working days (6 calendar weeks) after contract signing by both parties. |
| Target start date | 20 June 2022 |
| Latest completion date | 5 August 2022 |
| Travels Expected | As per Annex 1a – Terms of Reference (TOR) |
| Special Security Requirements | ☐ Others  
☒ Not Required |
| Facilities to be Provided by UNDP (i.e., must be excluded from Price Proposal) | ☒ Not Required |
| Implementation Schedule indicating breakdown and timing of activities/sub-activities | ☒ Required |
| Names and curriculum vitae of individuals who will be involved in completing the services | ☒ Required  
☐ Not Required |
| Currency of Proposal | ☒ United States Dollars (USD)  
☒ Euro  
☒ Local Currency (AMD) (will be converted in accordance to UNORE) |
| Value Added Tax on Price Proposal² | ☐ must be inclusive of VAT and other applicable indirect taxes  
☒ must be exclusive of VAT and other applicable indirect taxes |

¹ A detailed TOR may be attached if the information listed in this Annex is not sufficient to fully describe the nature of the work and other details of the requirements.

² VAT exemption status varies from one country to another. Pls. check whatever is applicable to the UNDP CO/BU requiring the service.
**Validity Period of Proposals**
*Counting for the last day of submission of quotes*

- ☒ 60 days
- □ 90 days
- □ 120 days

In exceptional circumstances, UNDP may request the Proposer to extend the validity of the Proposal beyond what has been initially indicated in this RFP. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Proposal.

**Partial Quotes**

- ☒ Not Permitted

### Payment Terms

<table>
<thead>
<tr>
<th>Outputs</th>
<th>Percentage</th>
<th>Timing</th>
<th>Condition for Payment Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completion of the relevant task on time, based on the signed handover-acceptance act</td>
<td>90</td>
<td>6 weeks from signing the contract</td>
<td>Within thirty (30) days from the date of meeting the following conditions:</td>
</tr>
<tr>
<td>Based on the handover-acceptance act signed after the completion of construction and testing works</td>
<td>10</td>
<td>4 weeks after completion of construction and testing works</td>
<td>a) UNDP’s written acceptance (i.e., not mere receipt) of the quality of the outputs; and</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Receipt of invoice from the Service Provider.</td>
</tr>
</tbody>
</table>

**Person(s) to review/inspect/approve outputs/completed services and authorize the disbursement of payment**

UNDP “Women and Youth for Innovative Local Development” Project Coordinator

**Type of Contract to be Signed**

- ☒ Contract for Services

**Criteria for Contract Award**

- □ Lowest Price Quote among technically responsive offers
- ☒ Highest Combined Score (based on the 70% technical offer and 30% price weight distribution), where the minimum passing score of technical proposal is 70%.
- ☒ Full acceptance of the UNDP Contract General Terms and Conditions (GTC). This is a mandatory criteria and cannot be deleted regardless of the nature of services required. Non acceptance of the GTC may be grounds for the rejection of the Proposal.

**Criteria for the Assessment of Proposal**

**Technical Proposal (70%)**

- ☒ Expertise of the Firm *(max score: 250)*, including:
  a. At least 5 years of working experience in relevant field as per TOR requirements *(max score: 150)*
  
  b. At least two design and estimate work projects of similar complexity done within past 5 years *(max score: 100)*

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3 UNDP preference is not to pay any amount in advance upon signing of contract. If the Service Provider strictly requires payment in advance, it will be limited only up to 20% of the total price quoted. For any higher percentage, or any amount advanced exceeding $30,000, UNDP shall require the Service Provider to submit a bank guarantee or bank cheque payable to UNDP, in the same amount as the payment advanced by UNDP to the Service Provider.
Methodology, its Appropriateness to the Conditions and Implementation Plan (max score: 200), including:
- Task implementation approach, including detailed description of implementation methods and milestones to carry out the proposed task; a detailed work plan with timelines for the Deliverables/Outputs (max score: 200)

Qualification of Key Personnel (max score: 550), including:
- Project Manager (1 person) as per Section 16, Annex 1a; (max score: 80);
- Hydraulic engineer-designer (2 persons) as per Section 16, Annex 1a (max score: 70);
- Engineer – hydrologist (1 person) as per Section 16, Annex 1a; (max score: 50);
- Electrical Engineer (1 person) as per Section 16, Annex 1a, (max score: 50);
- Construction engineer (1 person) as per Section 16, Annex 1a (max score: 50);
- Digital Network Engineer (1 person) as per Section 16, Annex 1a (max score: 50);
- Irrigation Structures / Water Systems Operation Specialist (1 person) as per Section 16, Annex 1a (max score: 50);
- Geologist or hydrogeologist (1 person) as per Section 16, Annex 1a (max score: 50);
- Estimate, technical specifications engineer (1 person) as per Section 16, Annex 1a (max score: 50);
- Conductor of intelligence work (2 persons) as per Section 16, Annex 1a (max score: 50);

**Financial Proposal (30%)**
To be computed as a ratio of the Proposal’s offer to the lowest price among the proposals received by UNDP.

<table>
<thead>
<tr>
<th>UNDP will award the contract to:</th>
<th>☒ One and only one Service Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annexes to this RFP</td>
<td>☒ Detailed TOR (Annex 1)</td>
</tr>
<tr>
<td></td>
<td>☒ Form for Submission of Proposal (Annex 2)</td>
</tr>
<tr>
<td></td>
<td>☒ General Terms and Conditions / Special Conditions (Annex 3)</td>
</tr>
<tr>
<td></td>
<td>☐ Others</td>
</tr>
<tr>
<td>Contact Person for Inquiries (Written inquiries only)</td>
<td><strong>Procurement Unit, UNDP Armenia</strong> <a href="mailto:procurement.armenia@undp.org">procurement.armenia@undp.org</a></td>
</tr>
<tr>
<td></td>
<td>Any delay in UNDP’s response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.</td>
</tr>
<tr>
<td>Other Information [pls. specify]</td>
<td></td>
</tr>
</tbody>
</table>

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4 Where the information is available in the web, a URL for the information may simply be provided.
5 Service Providers are alerted that non-acceptance of the terms of the General Terms and Conditions (GTC) may be grounds for disqualification from this procurement process.
6 A more detailed Terms of Reference in addition to the contents of this RFP may be attached hereto.
7 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 received.
TERMS OF REFERENCE (TOR)
PROJECT DESIGNS FOR THE CONSTRUCTION OF A SMART IRRIGATION SYSTEM

1. **Title**

2. **The Project**
   UNDP “Women and Youth for Innovative Local Development”

3. **Background**
   The “Women and Youth for Innovative Local Development” project (the Project) is part of four-year strategic partnership framework between GIZ, UNDP and CoE within “Improvement of the local self-governance system in Armenia” programme, which has a goal to improve the accountability, effectiveness and inclusiveness of local self-government in Armenia in regionally and socially balanced manner. The Project is implemented in partnership with RA Ministry of Territorial Administration and Infrastructure and is the continuation of earlier “Women in Local Democracy 2” project. It supports the enlarged municipalities with coherent and interrelated programmatic intervention, which contributes to the further democratization and development of communities. The project will be implemented in 52 enlarged municipalities of Armenia.

   UNDP’s project will: (i) pilot three innovative municipal services which will be co-designed and monitored by citizens, including vulnerable/marginalized groups; (ii) further advance youth leadership; and (iii) continue to empower women at the local level through building on and upscaling the results achieved during the past years.

   The municipal service component aims at supporting the Territorial and Administrative Reform in Armenia and the delivery of quality, fair and effective services by the communities to local citizens, companies and non-formal groups, also contributing to stronger economic development at the local level. User-centric and design thinking approaches will be applied by UNDP for the public service design and delivery at local level, in particular through youth empowerment and engagement. The initiative will include design and pilot of adapted innovative models of selected public services (including incentive schemes for collaboration of citizens and key stakeholders) in enlarged municipalities based on UNDP extensive experience of citizen-driven, user-centric approaches of community engagement and participation at local level. In addition, UNDP will develop and pilot new mechanisms for community monitoring of service delivery and quality, as well as citizen feedback loops on satisfaction with public services. The major activities to be implemented under that component include:
   1. Access the resources, capacities and needs in the sector of public services in the target communities.
   2. Design innovative models adapted for selected service delivery, including incentive schemes for collaboration of citizens and key stakeholders
   3. Pilot selected innovative service delivery models, including through establishment of management systems and respective infrastructure
   4. Develop and pilot new mechanisms for community monitoring of service delivery and quality, as well as citizen feedback loops on satisfaction with public services

   UNDP will develop and pilot new mechanisms for community monitoring of service delivery and quality, as well as citizen feedback loops on satisfaction with public services. One of the major activities to be implemented under that component include smart irrigation system construction in Shoghakat community.

4. **Scope of work and content**
   - Provide supervision advisory services during the rehabilitation works.

5. **General requirements**
• The design company should visit Shoghakat community of Gegharkunik region of the Republic of Armenia to make appropriate measurements and surveys.
• The design and all the technical solutions made in it must comply with the RA construction norms and standards
• All the technical solutions made in the design must comply with the RA environmental norms, be as far as possible from harm to nature.
• The design organization is obliged to provide the relevant urban development expertise of the proposed design and estimate documents in accordance with the RA established procedures
• Prior to the relevant expertise, the designer should discuss, agree with the project manager, experts and other stakeholders.
• The completed project must be accurate, detailed, submitted in electronic and paper versions.

6. General description

<table>
<thead>
<tr>
<th>1. Description of construction</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Lands under irrigation</td>
<td>180 hectares</td>
</tr>
<tr>
<td>3. The volume of the reservoir under construction</td>
<td>30000 m³</td>
</tr>
<tr>
<td>4. The area of the reservoir under construction</td>
<td>About 8000 m²</td>
</tr>
<tr>
<td>5. Approximate length of the main irrigation water line under construction</td>
<td>About 4000 m</td>
</tr>
<tr>
<td>6. Number of renewable pumping stations</td>
<td>1</td>
</tr>
<tr>
<td>7. Distribution system with automated digital control</td>
<td>1 set</td>
</tr>
<tr>
<td>8. Small hydrometeorological station with digital integration with community management center</td>
<td>1 set</td>
</tr>
<tr>
<td>9. Composition of necessary structures</td>
<td>According to the attached Appendix 1</td>
</tr>
</tbody>
</table>

7. Baseline data

• Coordinates of the reservoir under construction 40°30'13.25", 45°19'29.86"
• Coordinates of the pumping station 40°30'4.30", 45°19'32.70"
• Composition of buildings under construction, systems to be installed in accordance with Appendix 1
• Satellite images of the reservoir and pumping station in accordance with Appendix 2
• Photocopy of Real Estate Certificate Appendix 2

8. Design task

Include the following works in the projects for the construction of a smart irrigation system in Shoghakat community of Gegharkunik region of the Republic of Armenia.

• Reservoir design according to Appendix 1 attached to this design task.
• Fence design according to Appendix 1 attached to this design task.
• Irrigation water line design according to Appendix 1 attached to this design task.
• System design for the automated distribution network and its digital control in accordance with Appendix 1
• Development of architectural-construction, construction, as well as internal engineering networks
working drawings of structures and systems.

- Preparation of technical specifications for the planned construction works, which should include the technical characteristics of the materials used as a basis for construction, in accordance with the procedure established by law.
- Provide safety signs
- Provide improvement of the area around the reservoir by carrying out leveling works and surface water removal measures.

9. **Composition**

- Architectural, structural and engineering parts, construction organization plan, master plan, area improvement plan, explanations for each part, specifications, plans, cuts, profiles, nodes, detailed drawings of equipment, equipment installation plans according to the project works. Detailed volumes, including budget worksheets. Implementation schedule. Also include three-dimensionality in the architectural part modeled color illustrations.
- Geological survey and geodetic extraction
- Submit the project and the estimate to the relevant urban planning expertise in accordance with the RA established.
- Coordinate the project with the RA Ministry of Emergency Situations and all other stakeholders.
- Implement the project and the composition of the project in accordance with the existing urban development normative legal acts in the Republic of Armenia.

10. **Other requirements**

- Submit the project in 6 copies in Armenian, printed on paper and electronic PDF, DWG or PLN versions.
- Submit 2 paper copies of the estimate in Armenian, at the same time a volume sheet in electronic Excel version.
- Include warranty requirements for construction work, materials, and equipment. (Preference should be given to service providers in the territory of the Republic of Armenia)
- Include the qualifications required for the construction tender (license, equipment, etc.).
- Submit a separate paper copy of each projected unit, the estimate of each unit.
- The design task is attached to all documents.

11. **Institutional arrangements**

- The contractor should work closely with experts from the UNDP “Women and Youth for Local Innovation” project.
- The contractor must submit a final report to UNDP.

12. **Duration of work**

Duration will be 30 working days from contract signature.

13. **Stages of design and estimate work**

1. Development of a sketch project and coordination with the client. As well as the acquisition of appropriate technical conditions for the architectural plan task in accordance with the RA legislation, in close cooperation with UNDP experts.
2. Development of final working drawings of the structures and coordination with the client.
3. Appropriate urban planning expertise and approval of all stakeholders with the relevant state bodies, obtaining a construction permit.

The design and estimate work according to the projected units should be submitted in one stage, according to all the units mentioned in Appendix 1.

14. **Workplace**

Shoghakat community, Gegharkunik region, Republic of Armenia.

15. **Qualification of the company**
• At least 5 years of experience in design of irrigation / hydrotechnical works
• At least two design and estimate work projects of similar complexity done within past 5 years
• According to the Law of the Republic of Armenia "On Licensing", in order to prepare design and estimate documents for the repair of hydraulic structures and to provide expert opinions, it is necessary for the participant to have the development of engineering departments of Urban Development

(Law of the Republic of Armenia "On Licensing")
Development of engineering departments for urban planning documents

License and license insert
(Responsible persons carrying out the work in the relevant field, which is an integral part of the same license)

1. Design documents for hydraulic facilities / hydraulic structures and systems

16. **Staff**

A) The following labor resources are required to perform the contract.

<table>
<thead>
<tr>
<th>N</th>
<th>Professional qualification/person</th>
<th>Required education</th>
<th>experience years</th>
<th>Type of activity and service performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project Manager /1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Hydraulic services</td>
</tr>
<tr>
<td>2</td>
<td>Hydraulic engineer-designer/2</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Hydraulic services</td>
</tr>
<tr>
<td>3</td>
<td>Engineer - hydrologist / 1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
<tr>
<td>4</td>
<td>Electrical Engineer / 1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
<tr>
<td>5</td>
<td>Construction engineer/ 1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
<tr>
<td>6</td>
<td>Digital Networks Engineer / 1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
<tr>
<td>7</td>
<td>Irrigation Structures / Water Systems Operation Specialist / 1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
<tr>
<td>No</td>
<td>Role</td>
<td>Qualification</td>
<td>Experience</td>
<td>Additional Qualifications</td>
</tr>
<tr>
<td>----</td>
<td>-------------------------------------------</td>
<td>----------------------------------------</td>
<td>------------</td>
<td>-------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>8</td>
<td>Geologist or hydrogeologist / 1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
<tr>
<td>9</td>
<td>Estimate, technical specifications engineer / 1</td>
<td>the highest, (Master or Bachelor of Engineering)</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
<tr>
<td>10</td>
<td>Conductor of intelligence work: / 2</td>
<td>Professional Education</td>
<td>at least 5 years</td>
<td>Service for calculations and design work in the field corresponding to the qualification</td>
</tr>
</tbody>
</table>

B) Team members should have

- Design and project management experience in such climatic conditions in the project area
- Experience in supporting planning and design operations, project management, engineering, services
- Good knowledge of the requirements of the legislation of the Republic of Armenia in the fields of finance, accounting and payment
- Involvement in similar activities funded by international donor / financial institutions, good knowledge of the operational policies of those institutions and experience in implementation.

17. **Schedule of Payments**

Payment will be made in two stages

- The first part (90%) - on completion of the relevant task on time, based on the signed handover-acceptance act.
- The second part (10%) - based on the handover-acceptance act signed after the completion of construction and testing works.

*The ownership rights of the designs shall belong to the client.*
## Appendix 1

### Development of a package of design and estimate documents for the construction of a smart irrigation system

<table>
<thead>
<tr>
<th>N</th>
<th>Name</th>
<th>Count</th>
<th>Approximate area m²</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Reservoir</td>
<td>1</td>
<td>8000</td>
<td>It is planned to build a reservoir with a volume of 30,000 m³, with a geomembrane cover, the useful volume of which can not be less than 25,000 m³. There should be a preparatory layer free of stones under the geomembrane. Provide geotextiles if necessary. Installation of reservoir water intake, overflow, supply and emptying pipes. The reservoir has two water sources: 1. Water pumped from a deep pump 2. Gravity water coming down from the mountains 2-3 l/s. For water coming down from the mountains, it is necessary to plan the construction of a water treatment plant. Excess water and surface water adjacent to the reservoir should be directed to existing gutters. The supply pipeline should be connected to the irrigation pipeline of the adjacent agricultural lands. If necessary, a water treatment plant should be provided. The reservoir must be equipped with the necessary equipment to ensure safety. The adjacent parts of the reservoir should be improved by leveling.</td>
</tr>
<tr>
<td>2.</td>
<td>Fence</td>
<td>1</td>
<td>600</td>
<td>The fence should be placed around the perimeter of the reservoir with access from both sides. Entrance gates with locking system. The fence net should be made of galvanized.</td>
</tr>
<tr>
<td>3.</td>
<td>Pumping station</td>
<td>1</td>
<td>25</td>
<td>It is planned to restore the existing groundwater pumping station in the community. Hydraulic calculations must be performed to determine the required pump characteristics. Energy efficiency is a priority when choosing a pump.</td>
</tr>
<tr>
<td>4.</td>
<td>Irrigation water line</td>
<td>1</td>
<td>3600</td>
<td>The length of the irrigation water line is about 4000 m, calculations must be made to determine the diameter of the pipeline, the pressure. The release of water to agricultural lands must be carried out by means of an automatic, digitally controlled system, through the transmission of digital data and electric pulses. The system must include a metering data transmission component.</td>
</tr>
<tr>
<td>5.</td>
<td>Hydrometeorological station</td>
<td>1</td>
<td>4</td>
<td>The station should serve as the basis for providing the underlying data for the alarm. The required data (rain, soil moisture, etc.) must be transmitted to the control center by means of sensors. The control center should notify the farmers about them in the form of messages.</td>
</tr>
</tbody>
</table>
Այսօր հայկական արտահայտման համակարգի հիման վրա 21-ը հոկտեմբերի 2022 թվականի յոթերորդ կեսին տնտեսության տնտեսական հատորի ցուցադրվող հատորից հետո կատարվելիք ճարտարապետի միջազգային համագումարում ստացված արմատկետները նոր դեկանտացումների համար ներառված է հատորի գլխավոր համագումարների հեղինակային նշանակության հետ։

1. Պատմական հուշարձանների (իրադարձություններ) ներառված միջազգային համագումար

2. Առաջին հուշարձանների ցուցադրություն ռեալիզմի ճարտարապետության նկարագրման նպատակով

3. Պատմական հուշարձանների ցուցադրանք

4. Արդյունավետ ճարտարապետություն

Պատմական հուշարձանների ցուցադրության թիվ 05-074-0207-0008
Սաքայնի համար (հավ) 0.40717

Հատորի հեղինակային Բարեկամությունը

Համապատասխան իրավաբանական վարձական համագումար

Բացված է 21042022-05-0021, պաշտոնական` RSAUE43SZMYV

Այսօր հայկական արտահայտման համակարգի հիման վրա 21-ը հոկտեմբերի 2022 թվականի յոթերորդ կեսին տնտեսության տնտեսական հատորի ցուցադրվող հատորից հետո կատարվելիք ճարտարապետի միջազգային համագումարում ստացված արմատկետները նոր դեկանացումների համար ներառված է հատորի գլխավոր համագումարների հեղինակային նշանակության հետ։

1. Պատմական հուշարձանների (իրադարձություններ) ներառված միջազգային համագումար

2. Առաջին հուշարձանների ցուցադրություն ռեալիզմի ճարտարապետության նկարագրման նպատակով

3. Պատմական հուշարձանների ցուցադրանք

4. Արդյունավետ ճարտարապետություն

Պատմական հուշարձանների ցուցադրության թիվ 05-074-0207-0008
Սաքայնի համար (հավ) 0.40717

Հատորի հեղինակային Բարեկամությունը

Համապատասխան իրավաբանական վարձական համագումար

Բացված է 21042022-05-0021, պաշտոնական` RSAUE43SZMYV
5. Համապահակատու թղթակից

1) Նախապահակատու բժշկական գործողություններ
2) Բժշկական գործողություններ՝ իրավական

| Համապահակատու թղթակից | Բժշկական գործողություն | Անդամ | Քանակ | Պայմանական արժեք
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Արագություն և ռադիոակտիվություն

0.40717 հա մարդիկով հաշվարկված 0.38249 հա հատկացվածած է պաշտպանական, իսկ 0.02468 հա` այս հաշվարկված:

Պարզարդեմի հրապարակապացանակի անհատական առումը, ապայտություն`, ԱՐՄԵՆԻԱ
ԱՐՄԵՆԻԱ
Պարզարդեմի պայմանը Արցախի ցանկացած միայնակերպության ռադիոակտիվության
անոթերի համար այդպիսի պայմանների վարկածային

ԱՐՄԵՆԻԱ N 21042022-05-0021, քաղաքային՝ RSAUE43SZMMV

Փաստաթղթերի հետազոտությունները և պահանջվող այլ պատյան՝ նպաստելու համար գրավելու համար
www.e-cadastre.am կայքից միջոցով.
Համարվում է ՀՀ կառավարության հրահանգությամբ

Սերեր պետության համար 2022 թվականին պատրաստված ռեկորդի կարգավորման կարգավորման մասին գումարելի կարգավորումը ձեռնարկության հիմնական կարգավորումը

1. Բանաձևը մարմնատիպ է (Այլ)

2. Բանաձևը մարմնատիպ է (Այլ)

3. Բանաձևը մարմնատիպ է (Այլ)

4. Կազմակերպություն

Երաժշտական դաշտային 05-074-0106-0120
Սերմերի սվայր (հավ) 0.59282
Ներկայացուցչություն գործադիր ձեռնարկություն
Պաշտպանողական սպասատերական համաշխարհային ծրագիր հակահերթ, ուղի հեշտագիշեր
Սերմերի հարավային երկաթուղի մակերես ԱՐՄԵՆԻԱՆԵՐՆԵՐ

Պաշտոնական համարհարվեր և պաշտոնականներին պատրաստված ՀՀ կառավարության
www.ercodamre.am կայքից հետո ստանալ էքսցենտրին

Երկրաշարժ

2/1
5. Ճանապարհային առանձնահատկություն

1) Նախագիծի ներկայացուցչությունը
2) Ռեակցիաների կառուցվածքի ժամանակակիցությունը

<table>
<thead>
<tr>
<th>Հ/Հ</th>
<th>Նախագծի ներկայացուցչությունը</th>
<th>Ռեակցիա</th>
<th>ժամանակակիցություն</th>
<th>գրավոր նշանակության համակարգ</th>
<th>կառուցվածք</th>
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Լուծումներ և տեղեկություններ

Պաշամիջույց 0.35615հա, իսկ հատակապես 0.23367հա:

Պաշամիջույցի հյուպարտազմը համարվում է տարբեր առումով, ապակում դառնում ՈՒԱՀԿ ՊԱԾԱՀ

Պաշամիջույցը մեծությամբ բարձրացնելու համար պետք է պահպանենք ճանաչող կառուցվածք ճանաչող վերջինիս կամ սփիրության վերջին կամ ամբողջ գրավոր համակարգի մեջ

Պիրոմետրան 10052022-05-0034, բացատարած համակարգ INZAFTU8N7QW

Պատկերացված հիշատակությունն և պատկերացվածությունները կարելի է ուղցել համակարգի կառուցվածքի կամ այլ համակարգի կառուցվածքի ցույցը www.e-cadastre.am էջային էջերից.
Annex 2 - FORM FOR SUBMITTING SERVICE PROVIDER’S PROPOSAL

(This Form must be submitted only using the Service Provider’s Official Letterhead/Stationery)

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

Dear Sir/Madam:

We, the undersigned, hereby offer to render the following services to UNDP in conformity with the requirements defined in the RFP dated [specify date], and all of its attachments, as well as the provisions of the UNDP General Contract Terms and Conditions:

A. Qualifications of the Service Provider

The Service Provider must describe and explain how and why they are the best entity that can deliver the requirements of UNDP by indicating the following:

a) Profile – describing the nature of business, field of expertise, licenses, certifications, accreditations;
b) Business Licenses – Registration Papers, Tax Payment Certification, etc.
c) Latest Audited Financial Statement – income statement or balance sheet to indicate its financial stability, liquidity, credit standing, and market reputation, etc.;
d) Track Record – list of clients for similar services as those required by UNDP, indicating description of contract scope, contract duration, contract value, contact references;
e) Certificates and Accreditation – including Quality Certificates, Patent Registrations, Environmental Sustainability Certificates, etc.
f) Written Self-Declaration that the company is not in the UN Security Council 1267/1989 List, UN Procurement Division List or Other UN Ineligibility List.

All other documents described Annex 1a

B. Proposed Methodology for the Completion of Services

The Service Provider must describe how it will address/deliver the demands of the RFP; providing a detailed description of the essential performance characteristics, reporting conditions and quality assurance mechanisms that will be put in place, while demonstrating that the proposed methodology will be appropriate to the local conditions and context of the work.

C. Qualifications of Key Personnel

If required by the RFP, the Service Provider must provide:

a) Names and qualifications of the key personnel that will perform the services indicating who is Team Leader, who are experts, etc.;
b) CVs demonstrating qualifications must be submitted; and
c) Written confirmation from each personnel that they are available for the entire duration of the contract.

[insert: Location].
[insert: Date]

8 This serves as a guide to the Service Provider in preparing the Proposal.

9 Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes
D. **Cost Breakdown per Deliverable**

<table>
<thead>
<tr>
<th>N</th>
<th>Deliverables [list them as referred to in the RFP]</th>
<th>Percentage of Total Price (Weight for payment)</th>
<th>Price (Lump Sum, All Inclusive)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Completion of the relevant task on time, based on the signed handover-acceptance act</td>
<td>90</td>
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<tr>
<td>2</td>
<td>Based on the handover-acceptance act signed after the completion of construction and testing works</td>
<td>10</td>
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<td></td>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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</tbody>
</table>

*This shall be the basis of the payment tranches*

E. **Cost Breakdown by Cost Component [This is only an Example]:**

<table>
<thead>
<tr>
<th>Description of Activity</th>
<th>Remuneration per Unit of Time</th>
<th>Total Period of Engagement</th>
<th>No. of Personnel</th>
<th>Total Rate</th>
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</thead>
<tbody>
<tr>
<td><strong>I. Personnel Services</strong></td>
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<tr>
<td>1. Services from Home Office</td>
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<tr>
<td>a. Key Expert 1</td>
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<tr>
<td>b. Key Expert 2</td>
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<tr>
<td>c. Expert 3</td>
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<tr>
<td>d. Expert 4</td>
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<td>2. Services from Field Offices</td>
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<td>a. Key Expert 1</td>
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<td>b. Key Expert 2</td>
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<td>d. Expert 4</td>
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<td>3. Services from Overseas</td>
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<td>a. Expertise 1</td>
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<td>b. Expertise 2</td>
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<td><strong>II. Out of Pocket Expenses</strong></td>
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<td>1. Travel Costs</td>
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<td>2. Daily Allowance</td>
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<td>3. Communications</td>
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<td>4. Reproduction</td>
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<td>5. Equipment Lease</td>
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<td>6. Others</td>
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<td><strong>III. Other Related Costs</strong></td>
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[Name and Signature of the Service Provider’s Authorized Person]
[Designation]
[Date]
Annex 3- UNDP GENERAL CONDITIONS OF CONTRACT FOR SERVICES

(attached separately)