Request for Participation in Early Market Engagement for Procurement of:

Civil works for irrigation schemes of Mursi

Employer: Ministry of Agriculture and Rural Development

Project: P178715

Contract/s: Civil works for irrigation schemes of Mursi

Country: Albania

Loan No.: 94890-AL

The Government of the Albania has received financing from the World Bank toward the cost of the Climate Resilient Agriculture Project and intends to apply part of the proceeds toward payments under the Civil Works Contract for Procurement of Civil works for irrigation schemes of Mursi to be concluded through RFB process to be conducted after EME. For this contract, the Borrower shall process the payments using; i) the Direct Payment disbursement method, as defined in the World Bank's Disbursement Guidelines for Investment Project Financing, or ii) Designated Account.

The Ministry of Ministry of Agriculture and Rural Development / Project Management Unit (PMT) of the Climate Resilience and Agriculture Development Project now invites the private sector (suppliers) to participate in Early Market Engagement (EME). The ultimate goal of EME is to: i) understand market capacity, capability and trends, ii) discuss the needs or requirements of Contract to interested suppliers, iii) explain to the suppliers the bidding and contracting process, iv) collect feedback on rated criteria and determination of any other criteria, vi) understand the suppliers qualification landscape.

As part of EME, suppliers are required to participate in the Supplier Workshop event after submitting filled out questionnaire (please see below) through the email below to PMT. As part of EME, interested bidders are required to submit filled out questionnaire (please see below) through email to: Arben.molla@bujqesia.gov.al latest by **December 24, 2025**. Please note that responses to the questions will be shared only internally with the Project Management Team and will not be made public or available to your competitor companies.

We kindly ask potential bidders to provide input on the proposed qualification and rated criteria and related requirements to help us validate that they are proportionate, realistic, and supportive of a competitive and high-quality bidding process. The MARD guarantees that all information provided at this stage will be handled with high confidentiality in accordance with WB Procurement Regulations and will not be treated as binding. Therefore, the MARD hereby invite interested recipients to respond on the attached Questionnaire. The participation in this inquiry is voluntary and will not have any

consequences for later participation. Moreover, please note that no feedback to your answers will be given. If your company is generally not interested in participating, we would appreciate a short notice.

On **January 7, 2026, at 15:00**, Tirana time, Project Management Team will arrange a virtual Supplier Workshop during which more deep discussions about the project will take place. The link for the EME meeting is: **Join the meeting now**

During the online meeting, the participants will have an opportunity to provide its feedback and experience on the design, evaluation criteria and other related topics. All received responses will be reviewed carefully, and the feedback will be analysed collectively to determine whether any adjustments are needed to the tender documentation before finalization.

Bidding for the Contract will be conducted through International Competitive Procurement using a Request for Bids (RFB) as specified in the World Bank's "Procurement Regulations for Investment Project Financing – Goods, Works, Non-Consulting and Consulting Services (Fourth Edition, November 2020) and will be open to all eligible Bidders as defined in the Procurement Regulations.

EME Questionnaire

Please note that responses to the questions will be shared only internally with the project implementation team and will not be made public or available to your competitor companies.

Question	Answer
What is your company's official name?	
What is your company's official address?	
In which countries does your company operate and/or has branches?	
What is the profile of your company and how many years is your company in this profile business?	
What was the overall annual turnover of your company per year for the last 3 years?	2022: XXXXX (USD / EUR / ALL) 2023: XXXXX (USD / EUR / ALL) 2024: XXXXX (USD / EUR / ALL)
What is the cash-flow freely available to your company from financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments received from any contracts?	
Please list all the similar contracts with a brief contract description and the contract price for each and also indicate in which country the contract was implemented. In case your company was in Joint Venture (JV), or subcontracted by another company, in addition to the contracts price, please also indicate in % what was the share of your company from the contract price. Examples are: Contractor as Single Entity with contract price of XXXX [currency]; the contract included implementation of following main components in [country]: ….. Contractor in JV with [please list other JV members] as [Lead or Member] with contract price of XXXX [currency]; with XX% share for our company; our part included implementation of following main components in [country]: …..	List of similar contracts:

<table>
<tr><td>Sub-contractor of [please indicate the name of Single Entity or all JV members (as applicable)] for a contract with contract price of XXXX [currency]; with XX% share for our company; our part included implementation of following main components in [country]: …..</td><td></td></tr>
<tr><td>Does your company have experience of contract implementation in Albania or in the region?</td><td></td></tr>
<tr><td>If your company is interested in participating in bidding for the contracts included in this EME, please indicate under which lot or lots you are interested to bid?</td><td>We are interested to bid:</td></tr>
<tr><td>What supply chain risks, key risks or potential constraints does your company see in implementation of these civil works contracts, and what would be your mitigation measures for such risks / constraints?</td><td>The following are the supply chain risks, key risks or potential constraints that we see in implementation of:

We would propose the following mitigation measures:</td></tr>
<tr><td>The potential Rated Criteria / technical factors to be used for the items included in each respective lot are:
Technical Approach and Construction Methodology – 40% of 20 points
<table>
<tr><th>Sub-Criterion</th><th>Weight</th></tr>
<tr><td>a) Construction methodology for canal rehabilitation and hydraulic structures</td><td>15%</td></tr>
<tr><td>b) Water management during construction (diversion, flow continuity, flood risk control)</td><td>10%</td></tr>
<tr><td>c) Measures to minimize disruption to farmers and irrigation operations</td><td>10%</td></tr>
<tr><td>d) Integration of climate-resilient practices in construction</td><td>5%</td></tr>
<tr><td>TOTAL</td><td>40%</td></tr>
</table>
2 Risk Management and Environmental Mitigation Measures – 30% of 20 points
<table>
<tr><th>Sub-Criterion</th><th>Weight</th></tr>
<tr><td>a) Identification of key project risks (technical, environmental, climatic)</td><td>10%</td></tr>
<tr><td>b) Practicality and adequacy of proposed mitigation measures</td><td>10%</td></tr>
</table></td><td></td></tr>
</table>

c) Environmental management plan (sediment handling, waste, water protection)	5%
d) Community and worker safety measures	5%
TOTAL	**30%**

3 Work Schedule and Project Organization – 30% of 20 points

Sub-Criterion	**Weight**
a) Realism and completeness of the work schedule (Gantt chart)	10%
b) Logic and feasibility of sequencing construction activities	10%
c) Resource allocation and mobilization strategy	5%
d) Consideration of seasonal/weather constraints and operational irrigation needs	5%
TOTAL	**30%**

Score (of the total score for the factor/ subfactor as applicable)	*Description*
0	*Required feature is absent; no relevant information to demonstrate how the requirement is met*
1	*Required features present with deficiencies such as insufficient or information that lacks clarity*
2	*Sufficient information to demonstrate how the requirement will be met*
3	*Sufficient information to demonstrate that the requirement will be marginally exceeded*
4	*Sufficient information that significantly exceed the requirement/proposal, contributes to significant value addition*

Please provide your feedback on the potential Rated Criteria / technical factors and also propose any other that you think would be a good fit from your perspective.	
What would be the optimum advance payment amount in % of contract value?	
Please list any other thoughts, concerns, barriers or risks you see; or that may influence or prevent you to patriciate in the bidding process.	

CRAD Project and contract description

The World Bank is assisting the Government of Albania (GoA) with the financing of the Climate Resilience and Agriculture Development project (CRAD). This project aims to increase competitiveness and climate resilience of priority agri-food value chains focusing on (i) promoting climate-smart and resilient value chains, (ii) promoting typical products and value addition (iii) developing Climate Smart Agriculture (CSA) IT Platform (iv) modernizing selected irrigation and drainage schemes for high-value agricultural production (v) enhancing compliance with food safety and quality standards and (vi) strengthening evidence-based decision making for resilience and sustainable agri-food systems.

The CRAD has three main components:

- **Component 1: Promoting Climate Smart Agriculture and Access to Markets.**

This component aims at supporting resilient and climate smart agriculture, productivity and quality improvements and improving market access through investments to shorten value chains, strengthen resilience of food supply, introduce digital technology, and develop a modern and reliable irrigation delivery services and drainage network for high-value agricultural production.

- **Component 2: Enhancing Compliance with Food Safety and Quality Standards.**

Activities under this component aim at addressing weak compliance and control mechanisms related to food safety, veterinary and phytosanitary standards which currently impede competitiveness and create market access inequalities both in the local and export markets.

- **Component 3: Strengthening Evidence-based Analysis Capacity of MARD and Municipalities.**

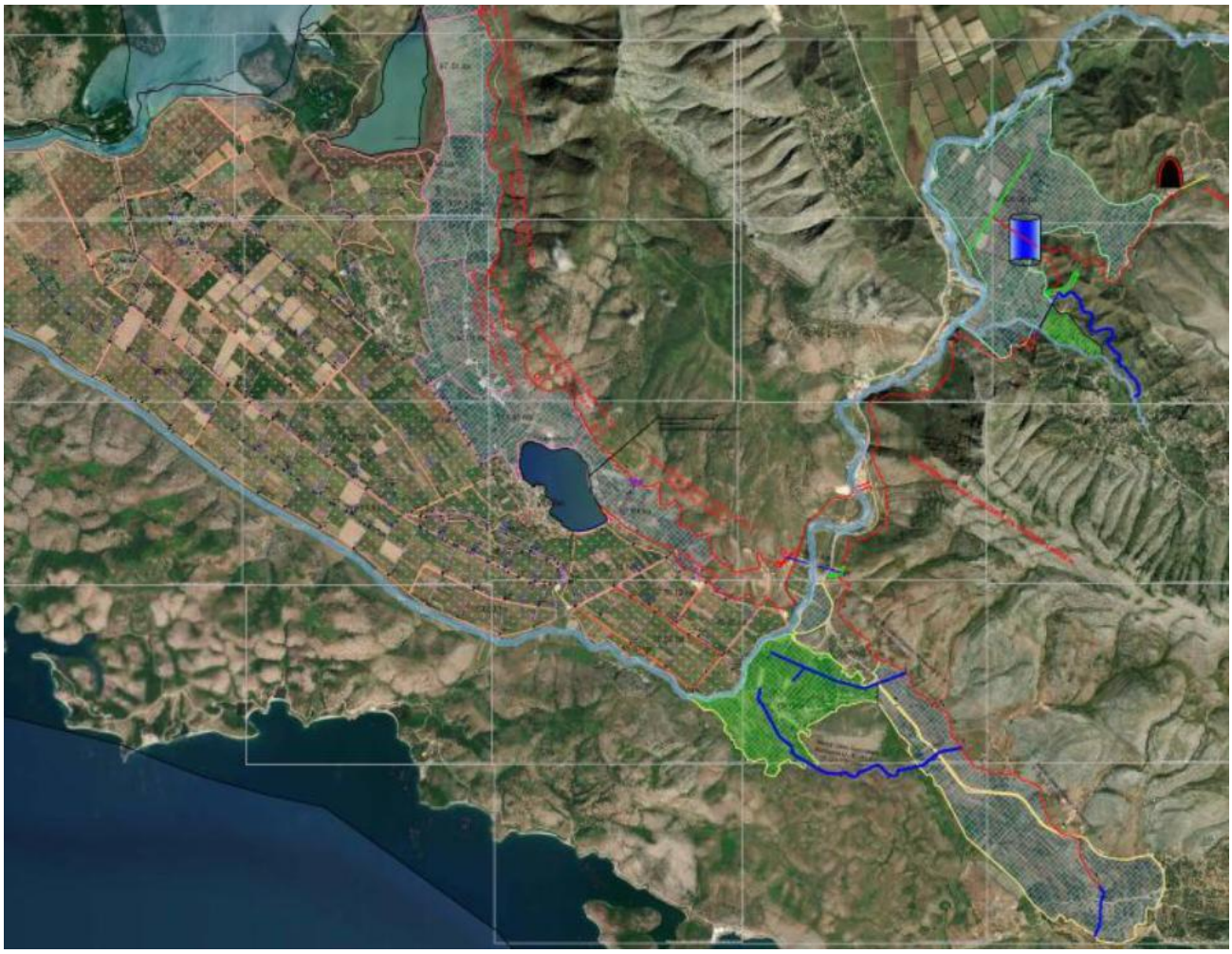
This component aims at establishing a sustainable and effective monitoring and evaluation (M&E) system for agricultural and rural development policy in Albania. Support will be provided to build the monitoring capacity of the MARD and municipalities to increase their ability to measure and analyze agricultural policy impacts to support evidence-based policymaking.

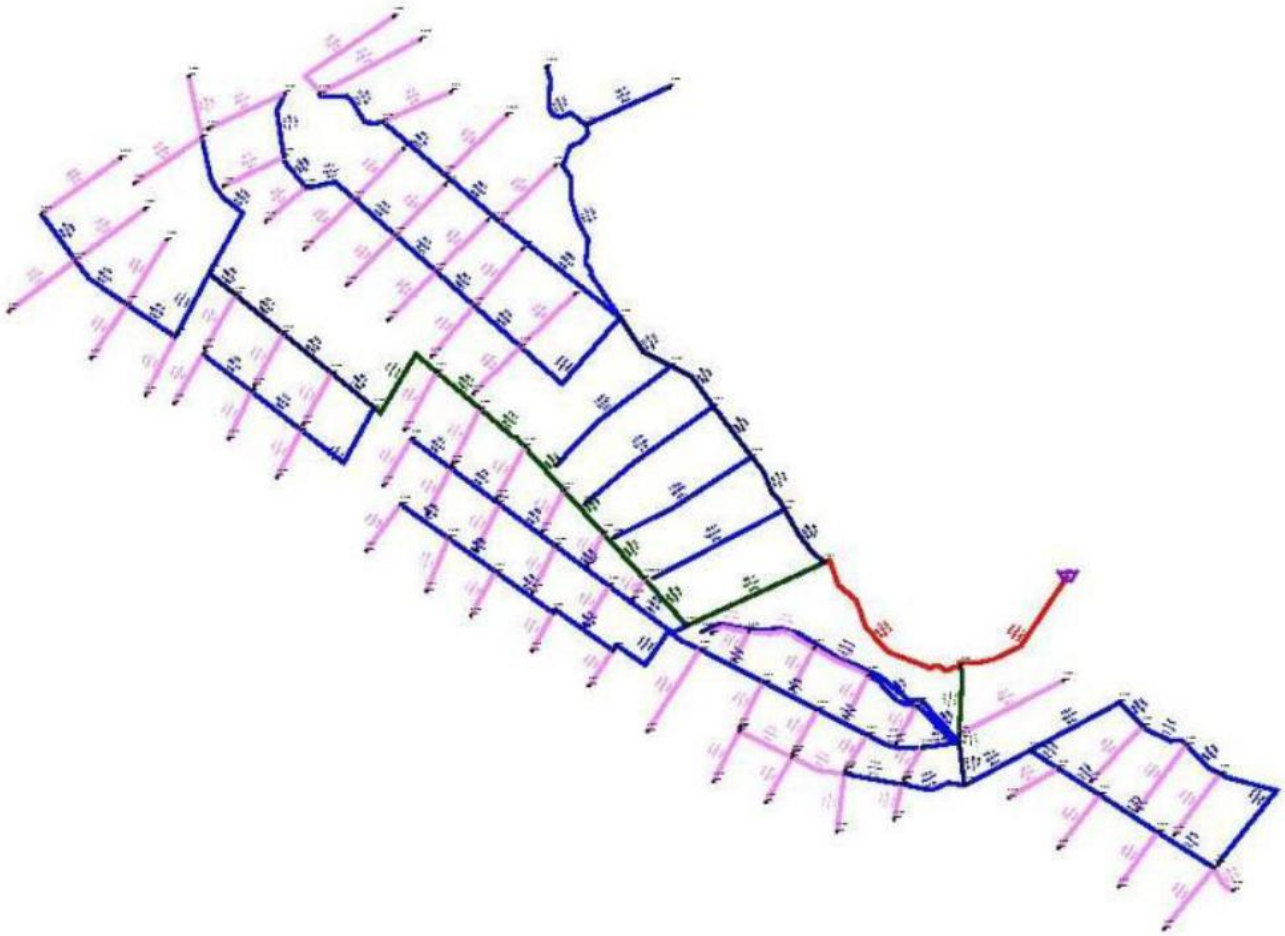
Within the framework of achieving the objectives of Component 1, MARD plans to divide these contracts for the procurement of civil works into two separate lots, as described below:

Irrigation Schemes of Mursi

Modernization and pressurization of the Mursi Irrigation Scheme downstream of the reservoir. The objective of this activity is to upgrade the scheme from open channel to pressurized irrigation. The works related to pressurization of secondary networks at Mursi, Vrina, and Xarra fields (up to 2,215 ha). The scheme is generally suitable for growing mandarins, oranges, olives, vineyards, lemon and fruit trees including peaches, apricots, plum, quince, and figs. The domestic and export demand for citrus crops of high value has increased thanks to the high quality of citrus production in this area. Some of the citrus growers have already applied an advanced cultivation package, where the irrigation is carried out with drips. The farmers also produce vegetables such as tomatoes, eggplants, peppers, cucumbers, onions, cabbage, leeks, potatoes, and green salads. Entrepreneurial farmers have small and old irrigation systems, often a single sprinkler, and pump water from drains or private wells. This allows them the flexibility needed for the irrigation process.

Annex 1. Map of Irrigation Schemes of Mursi





Annex 2. Detail BoQ for Mursi irrigation schemes

PREVENTIVE WORKS

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
1	1	Mursi Scheme with Hdpe Pipes	1	Piece
2	2	Cifliku Pressure Scheme	1	Piece
3	3	Scheme of Konispol Fields	1	Piece
4	4	Ciflik Siphon	1	Piece
5	5	Konispol Additions	1	Piece
6	6	Cifliku without Pressure	1	Piece
7	7	Shalsi without pressure	1	Piece
8	D-1	Reservoir No.1	1	Piece

CODE	1
Unit	PIECES

Mursi Scheme with Hdpe Pipes

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.101/a	Excavation of soil with a 0.5 m³ chain excavator, in trenches up to 2 m wide, clay soil, category IV, with earthworks	m3	109,320.00
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	43,728.00
		AMOUNT 1:		
		2. LAYER WORKS		
3	3.182/b	Natural sand layer t=15cm	m2	78,085.00
		AMOUNT 2:		
		3. HYDRO-SANITARY AND HEATING INSTALLATIONS		
4	Offers	FV PE water supply pipes and fittings d=160mm, Pn 8	ml	19,134.00
5	Offers	FV PE water pipes and fittings d=200mm, Pn 8	ml	13,970.00
6	Offers	FV PE water pipes and fittings d=250mm, Pn 8	ml	14,153.00
7	Offers	FV PE water pipes and fittings d=265mm, Pn 8	ml	3,973.00
8	Offers	FV PE water pipes and fittings d=315mm, Pn 8	ml	2,165.00
9	Offers	FV PE water pipes and fittings d=315mm, Pn 8	ml	3,442.00
10	Offers	FV PE water pipes and fittings d=355mm, Pn 8	ml	5,160.00
11	Offers	FV PE water pipes and fittings d=400mm, Pn 8	ml	4,768.00
12	Offers	FV PE water supply pipes and fittings d=450mm, Pn 8	ml	298.00
13	Offers	FV PE water pipes and fittings d=500mm, Pn 8	ml	1,486.00
14	2.231	FV steel pipes d=598.4mm, t=6 mm, factory insulated, for external water supply	ton	201.07
15	2.231	FV steel pipes d=650mm, t=7 mm, factory insulated, for external water supply	ton	542.37
16	2.231	FV steel pipes d=812.8mm, t=7.5 mm, factory insulated, for external water supply	ton	204.75
17	2.231	FV steel pipes d=950mm, t=8 mm, factory insulated, for external water supply	ton	199.70
18	2.512	FV hydrant Ø 100 mm	PIECES	520
		AMOUNT 3:		
		4. OIL GAS		
19	4.123/4	FV cast iron gate valve with flange, Pn up to 16 bar, φ100	Piece	573
20	4.129/4	FV Cast iron check valve with flange, φ100	Piece	520
21	4.123/7	FV cast iron gate valve with flange, Pn up to 16 bar, φ200	Piece	31
22	4.123/9	Cast iron FV with flange, Pn up to 16 bar, φ300	Piece	8

23	4.123/11	FV Saracineska cast iron with flange, Pn up to 16 bar, φ400	Piece	2
24	4.123/13	FV cast iron gate valve with flange, Pn up to 16 bar, φ500	Piece	1
25	4.123/14	FV Cast iron gate valve with flange, Pn up to 16 bar, φ600	Piece	3
26	4.123/15	FV Cast iron gate valve with flange, Pn up to 16 bar, φ800	Piece	1
27	LS	HDPE TEE PN16 400/400/160	Piece	2
28	LS	HDPE TEE PN16 400/355/160	Piece	2
29	LS	HDPE TEE PN16 355/315/160	Piece	2
30	LS	HDPE TEE PN16 315/315/160	Piece	4
31	LS	HDPE TEE PN16 315/315/200	Piece	2
32	LS	HDPE TEE PN16 250/200/200	Piece	1
33	LS	HDPE TEE PN16 500/355/250	Piece	1
34	LS	HDPE TEE PN16 500/500/160	Piece	3
35	LS	HDPE TEE PN16 630/500/250	Piece	1
36	LS	HDPE TEE PN16 355/355/200	Piece	5
37	LS	HDPE TEE PN16 250/250/160	Piece	2
38	LS	HDPE TEE PN16 630/630/160	Piece	6
39	LS	HDPE TEE PN16 630/630/315	Piece	4
40	LS	HDPE TEE PN16 355/315/160	Piece	1
41	LS	HDPE TEE PN16 355/355/160	Piece	1
42	LS	HDPE TEE PN16 355/355/160	Piece	1
43	LS	HDPE TEE PN16 400/355/160	Piece	1
44	LS	HDPE TEE PN16 400/400/200	Piece	1
45	LS	HDPE TEE PN16 400/400/160	Piece	4
46	LS	HDPE TEE PN16 200/200/160	Piece	1
47	LS	HDPE TEE PN16 315/250/160	Piece	1
48	LS	HDPE TEE PN16 250/250/160	Piece	1
49	LS	HDPE TEE PN16 200/250/160	Piece	1
50	LS	HDPE TEE PN16 160/160/200	Piece	1
51	LS	HDPE TEE PN16 250/200/160	Piece	1
52	LS	HDPE TEE PN16 250/315/160	Piece	1
53	LS	HDPE TEE PN16 450/400/315	Piece	1
54	LS	HDPE TEE PN16 400/355/315	Piece	1
55	LS	HDPE TEE PN16 315/250/160	Piece	1
56	LS	HDPE TEE PN16 250/250/160	Piece	2
57	LS	HDPE TEE PN16 250/160/160	Piece	1
58	LS	HDPE TEE PN16 355/355/200	Piece	2
59	LS	HDPE TEE PN16 280/280/200	Piece	4
60	LS	HDPE TEE PN16 280/250/315	Piece	1
61	LS	HDPE TEE PN16 315/315/280	Piece	1

62	LS	HDPE TEE PN16 630/400/315	Piece	1
63	LS	HDPE TEE PN16 630/630/250	Piece	4
64	LS	HDPE TEE PN16 800/630/630	Piece	1
65	LS	HDPE TEE PN16 900/800/630	Piece	1
66	LS	REDUCTION HDPE PN16 315/200	Piece	1
67	LS	REDUCTION HDPE PN16 355/200	Piece	1
68	LS	HDPE REDUCTION PN16 250/160	Piece	1
69	LS	REDUCTION HDPE PN16 315/160	Piece	1
70	LS	HDPE REDUCTION PN16 200/160	Piece	1
71	LS	HDPE REDUCTION PN16 315/250	Piece	1
72	LS	REDUCTION HDPE PN16 280/200	Piece	1
73	2.584/2	Manhole 2x2x1.5m	Piece	7
74	2.576	Manhole 1.25x1.25x1.5m	Piece	612
		AMOUNT 4:		
		5. OUTSIDE LIST ANALYSIS		
75	An-PA.2	AN-PA.2 : Air wells/Air Valve Chamber φ800	Piece	2
76	An-PA.3	AN-PA.3 : Air wells/Air Valve Chamber φ400	Piece	4
77	An-PA.5	AN-PA.5: Air wells/Air Valve Chamber φ600	Piece	4
78	An-PA.6	AN-PA.6: Air wells/Air Valve Chamber φ300	Piece	6
79	An-PA.8	AN-PA.8: Air wells/Air Valve Chamber φ650	Piece	2
80	An-PA.9	AN-PA.9 : Air wells/Air Valve Chamber φ500	Piece	1
81	An-PA.11	AN-PA.11: Air wells/Air Valve Chamber φ350	Piece	2
82	An14	Water Meter	Piece	84
		SUM 5:		
Analysis Amount				

CODE	**2**
Unit	**PIECES**

Cifliku Pressure Scheme

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.101/a	Excavation of soil with a 0.5 m³ chain excavator, in trenches up to 2 m wide, clay soil, category IV, with earthworks	m3	1,500.00
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	500.00
		AMOUNT 1:		
		2. LAYER WORKS		
3	3.182/b	Natural sand layer t=15cm	m2	1500
		AMOUNT 2:		
		3. HYDRO-SANITARY AND HEATING INSTALLATIONS		

4	Offers	FV PE water pipes and fittings d=315mm, Pn 8	ml	1000
5	Offers	FV PE water pipes and fittings d=355mm, Pn 8	ml	514
6	2.512	FV hydrant Ø 100 mm	Piece	5
		AMOUNT 3:		
		4. OIL GAS		
7	4.123/4	FV cast iron gate valve with flange, Pn up to 16 bar, φ100	Piece	5
8	4.123/7	FV cast iron gate valve with flange, Pn up to 16 bar, φ200	Piece	1
9	4.129/4	FV Cast iron check valve with flange, φ100	Piece	5
10	2.576	Well 1.25x1.25x1.5m	Piece	5
		AMOUNT 4:		
Analysis Amount				

CODE	**3**
Unit	**PIECES**

Scheme of Konispol Fields

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.101/a	Excavation of soil with a 0.5 m³ chain excavator, in trenches up to 2 m wide, clay soil, category IV, with earthworks	m3	2,000.00
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	500.00
		AMOUNT 1:		
		2. LAYER WORKS		
3	3.182/b	Natural sand layer t=15cm	m2	2000
		AMOUNT 2:		
		3. HYDRO-SANITARY AND HEATING INSTALLATIONS		
4	Offers	FV PE water pipes and fittings d=315mm, Pn 8	ml	1120
5	Offers	FV PE water pipes and fittings d=355mm, Pn 8	ml	800
6	2.512	FV hydrant Ø 100 mm	Piece	10
		AMOUNT 3:		
		4. OIL GAS		
7	4.123/4	FV cast iron gate valve with flange, Pn up to 16 bar, φ100	Piece	10
8	4.123/7	FV cast iron gate valve with flange, Pn up to 16 bar, φ200	Piece	1
9	4.129/4	FV Cast iron check valve with flange, φ100	Piece	10
10	LS	Ti - PN10 DE355	Piece	1
11	2.576	Well 1.25x1.25x1.5m	Piece	10
		AMOUNT 4:		
Analysis Amount				

CODE	**4**

Unit	PIECES

Ciflik Siphon

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.102/b	Excavation of soil with a 0.5 m³ chain excavator, in channels > 2 m wide, near water ~ 1m, category IV, with ground penetration	m3	1572
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	1438
		AMOUNT 1:		
		2. CONCRETE AND REINFORCED CONCRETE WORKS		
3	3.243	Monolithic concrete structure C 16/20	m3	26
4	3.243/1	Thin monolithic concrete structures C 16/20	m3	5.7
		AMOUNT 2:		
		3. CONCRETE IRON WORKS 3		
5	3.288	FV ordinary concrete rebar Ø > 12mm	ton	0.2
		AMOUNT 3:		
		4. CONSTRUCTION OF WORKS OF ART + SEWERAGE		
6	2.231	FV steel pipes d=400mm, t=6 mm, L=812m h/insulated in the factory, for external water supply	ton	48.00
7	3.393/1	Construction of concrete manhole H=3.5m, D=1.5m + cast iron cover	Piece	1
		AMOUNT 4:		
		5. OIL GAS		
8	4.123/7	FV cast iron gate valve with flange, Pn up to 16 bar, φ200	Piece	1
		SUM 5:		
		6. VARIOUS WORKS		
9	3.624	H / Emulsion insulation, 2 coats of bitumen	m2	822
10	3.626	H / Emulsion insulation, 2 K. Square + 3 coats of bitumen	m2	7
11	3.644	Metal doors with lifting mechanism with wings	ton	0.13
		AMOUNT 6:		
		7. LAYER WORKS		
12	3.183/a	River gravel layer t=10cm	m2	319
		SUM 7:		
		8. CONCRETE IRON WORKS		
13	2.182	PV simple metal constructions	ton	0.2
		SUM 8:		
		9. MISCELLANEOUS, ELECTRICAL AND SIGNALING		
14	3.166	FV waterstop type RT 2000 10*20 & h/insulator type rapid cement in the connection of b/a frames.	ml	4

		SUM 9:		
Analysis Amount				

CODE	**5**
Unit	**PIECES**

Konispol Additions

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.102/b	Excavation of soil with a 0.5 m³ chain excavator, in channels > 2 m wide, near water ~ 1m, category IV, with ground penetration	m3	1200
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	860
		AMOUNT 1:		
		2. LAYER WORKS		
3	3.183/a	River gravel layer t=10cm	m2	660
		AMOUNT 2:		
		3. OIL PIPELINE GAS		
4	4.60/1	FV steel pipes d = 500 mm, t = 6 mm, factory insulated, for external water supply	ton	44.4
		AMOUNT 3:		
		4. OUTSIDE LIST ANALYSIS		
5	AN-LS.1	AN-LS.1 : Puseta Lidhëse	Piece	2
		AMOUNT 4:		
Analysis Amount				

CODE	**6**
Unit	**PIECES**

Cifliku without Pressure

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.102/b	Excavation of soil with a 0.5 m³ chain excavator, in channels > 2 m wide, near water ~ 1m, category IV, with ground penetration	m3	830
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	601
		AMOUNT 1:		
		2. LAYER WORKS		
3	3.183/a	River gravel layer t=10cm	m2	461
		AMOUNT 2:		
		3. OIL PIPELINE GAS		

4	4.60/1	FV steel pipes d = 500 mm, t = 6 mm, factory insulated, for external water supply	ton	62.1
		AMOUNT 3:		
		4. OUTSIDE LIST ANALYSIS		
5	AN-LS.1	AN-LS.1 : Puseta Lidhëse	Piece	1
		AMOUNT 4:		
Analysis Amount				

CODE	**7**
Unit	**PIECES**

Shalsi without pressure

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.102/b	Excavation of soil with a 0.5 m³ chain excavator, in channels > 2 m wide, near water ~ 1m, category IV, with ground penetration	m3	1400
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	1010
		AMOUNT 1:		
		2. LAYER WORKS		
3	3.183/a	River gravel layer t=10cm	m2	775
		AMOUNT 2:		
		3. OIL PIPELINE GAS		
4	4.60/1	FV steel pipes d = 500 mm, t = 6 mm, factory insulated, for external water supply	ton	149.4
		AMOUNT 3:		
		4. OUTSIDE LIST ANALYSIS		
5	AN-LS.1	AN-LS.1 : Puseta Lidhëse	Piece	3
		AMOUNT 4:		
Analysis Amount				

CODE	**D-1**
Unit	**PIECES**

Reservoir No.1

NO.	CODE	WORKS DESCRIPTION	Unit	QUANTITY
		1. EXCAVATION WORKS		
1	3.102/b	Excavation of soil with a 0.5 m³ chain excavator, in channels > 2 m wide, near water ~ 1m, category IV, with ground penetration	m3	3200
2	3.47/1b	Filling, leveling, compaction with electric rammer, every 30 cm, ordinary soil	m3	290
		AMOUNT 1:		

		2. LAYER WORKS		
3	3.183/a	River gravel layer t=10cm	m2	439
		AMOUNT 2:		
		3. CONCRETE AND REINFORCED CONCRETE WORKS		
4	3.245/1	Thin monolithic concrete structures C 25/30	m3	551
		AMOUNT 3:		
		4. CONCRETE IRON WORKS 3		
5	3.289	FV periodic concrete reinforcement, Ç- 5, Ø > 12mm	ton	35
		AMOUNT 4:		
		5. TECHNICAL ANALYSIS FOR TECHNOLOGICAL WORKS AND INSTALLATIONS		
6	4.4	Metal ladders with iron Ø and profiles	oh	1
		SUM 5:		
		6. OIL PIPELINE GAS		
7	4.123/11	Cast iron FV with flange, Pn up to 16 bar, φ400	Piece	1
8	4.123/7	FV cast iron gate valve with flange, Pn up to 16 bar, φ200	Piece	1
9	4.123/9	Cast iron FV with flange, Pn up to 16 bar, φ300	Piece	1
		AMOUNT 6:		
		7. WATER SUPPLY AND EXTERNAL SEWERAGE		
10	2.575	Inspection well 1x1x1.5m	Piece	1
		SUM 7:		
		8. OUT-OF-LISTS ANALYSIS		
11	2.181	FV composite metal structures (Metal grating for collecting dirt, Railing for the warehouse, Metal cover for the warehouse)	ton	5
12	LS	FV filtration chamber with granular inert	Piece	1
		SUM 8:		