# PROCUREMENT PLAN

Date: July 6, 2017

Project Name: IRRIGATION SYSTEM MODERNIZATION PROJECT (ISMP)

## A) WORKS AND GOODS

•	Description/ Location	Comp.	Method of Procuremen t	Review By Donor (Prior/ Post)	No. of Packages/ Lots	Actual Cost (US\$ thous,)	Contractor/ Country of registration	Invitation Date	Expected Bid Opening Date	Contract Award Date	Start Date	Completion Date	Estimated duration (month)	Contract ref#	Status of Contracts (ongoing/ completed)
I. WORI	KS														
WORKS	WORKS FOR COMPONENT 1. "Conversion of pump-based irrigation to gravity"														
I.1.1	Construction of:  1) Gravity subsidiary system from Azat River to the outlet canal of I stage Mkchyan p/s,  2) Bardzruni pump station gravity system,  3) Tsitsernakaberd pump station gravity system,  4) Artashat canal 5th distributing gravity system	1	NCB	Post	1			Apr-18	May-18	Jun-18	Jun-18	Jul-20	26		
I.1.2	Construction of Agrichi gravity system: 1) DM0+00-DM150+00, 2)DM150+00-DM300+00	1	NCB	Prior	1pac 2lots			Apr-18	May-18	Jun-18	Jun-18	Jun-20	25		
I.1.3	Construction of:  1) Nor Geghi and Nor Artamet gravity system and Ptghni gravity system,  2) Nor Kharberd canal gravity system	1	NCB	Prior	1pac 2lots			Apr-18	May-18	Jun-18	Jun-18	Apr-20	23		
		7	Total und	er Comp	onent 1:	0.0									
WORKS	WORKS FOR COMPONENT 2. "Rehabilitation of Main and Secondary canals"														
1.2.4	Rehabilitation of the most damaged sections of the main canals:  1) Artashat, 2) Arzni-Shamiram, 3) St.Hrazdan,  4) Construction of bypassing conduits of headwork tunnel of Kotayk canal	2	NCB	Prior	1pac 2lots			Apr-18	May-18	Jun-18	Jun-18	Feb-20	21		
I.2.5	Rehabilitation of Garni main canal	2	NCB	Prior	1			Mar-17	Apr-17	Jul-17	Jul-17	Dec-18	17		
1.2.6	Rehabilitation of: i) Gokht main canal; rehabilitation of: ii) left branch of Kassakh irrigation system, iii) right branch of Kassakh irrigation system, iv) Dvin canal, v) Artashat canal N49, vi) Voskevaz main canal, vii) Zeytun-Haghtanak pump station, left branch of the second canal, viii) Zeytun- Haghtanak pump station, left branch of the tertiary canal      Rehabilitation of main canals: i) Mrgashat canal end-part,     ii) Margara canal, iii) St. Hrazdan canal stage II, V branch line, iv) R -6, v) R -4, vi) MKH -3, vii) MKH -7, viii) Hatsik 10 Distributors	2	ICB	Prior	1pac 3lots			Apr-18	May-18	Jun-18	Jun-18	Feb-20	21		
	3.Rehabilitation of main canals: i) Sayat-Nova, ii) Arbat, rehabilitation of outlet canals: iii) Araks-Jrarat p/s, iv) Aratashen p/s, v) Shah -														
			Total und	er Comp	onent 2:	0.0									
WORKS FOR COMPONENT 3: "Rehabilitation or Construction of On-Farm Irrigation Network"															
1.3.7	Rehabilitation of on-farm irrigation systems on the service area of  1) Araks, Armavir and Merdzapnya WUAs  2) Musaler, Vagarshapat, Khov and Meeri WUAs	3	ICB	Prior	1pac 2lots			May-18	Jun-18	Jul-18	Jul-18	Aug-21	38		
1.3.8	Rehabilitation of on-farm irrigation systems on the service area of  1) Masis and Azat WUAs  2) Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram and Talin WHAS	3	ICB	Prior	1pac 2lots			May-18	Jun-18	Jul-18	Jul-18	May-21	35		
1.3.9	Rehabilitation of on-farm irrigation systems on the service area of 1) Artashat, Vedi and Ararat WUAs 2) Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan and Martuni WUAs	3	ICB	Prior	1pac 2lots			Mar-18	May-18	Jun-18	Jul-18	Feb-21	32		

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I.3.10	Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities	3	NCB	Prior	1			Mar-17	Apr-17	Jun-17	Jul-17	Dec-18	17		
	under service area of Garni-Gegard WUA	-	otal unde	er Comr	onent 3	0.0			<u> </u>						
						0.0									
			TOTA	L FOR	WORKS:										
II. GOO	DS														
II.1	Procurement of goods for WUA federations	4.2	SH	Post	Multiple			Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	2		
II.2	Supply and installation of SCADA system for monitoring of electricity	4.2	ICB	Prior	1			Nov-17	Dec-17	Jan-18	Feb-18	Jul-18	6		
II.3	consumption Supply and installation of electrical equipment of pumping stations	4.2	ICB	Prior	1			Nov-17	Dec-17	Jan-18	Feb-18	Aug-18	7		
II.4	Procurement of vehicles for WUAs	4.2	NCB	Prior	1			Jan-18	Feb-18	Mar-18	Apr-18	Jun-18	3		
	(including Federation's member WUA's) Procurement of heavy equipment for WUAs				1 pac							-			
II.5	(3 excavators and 2 truck cranes)	4.2	ICB	Prior	2 lots			Jan-18	Feb-18	Apr-18	May-18	Jul-18	3		
II.6	Procurement of automatic water measuring equipment for large water users (pilot system), fixed for pressure system and fixed for open canals	4.2	ICB	Prior	1			Jan-18	Feb-18	Apr-18	May-18	Aug-19	16		
II.7	Installation of new irrigation technologies (drip and sprinkler) on pilot demonstration plots on the area of about 400 ha under-command areas of 12 community under Kahtsrashen gravity system (designing, procurement and installation of equipment)	4.2	ICB	Prior	1			Jan-18	Feb-18	Mar-18	Apr-18	Sep-19	18		
п.8	Procurement of goods for PIU (computers, hardware etc.,)	4.1	SH	Prior	1	27,733.8	"DOXX COMPUTERS" LLC (Armenia)	Apr-17	Apr-17	Jun-17	Jun-17	Jul-17	1.5	ISMP/SH/PG- 16/001	Ongoing
II.9	Procurement of monitoring equipment for PIU: mobile velocity and flow meter for open channels and electrical tachometer	4.1	SH	Prior	1			Jul-17	Jul-17	Aug-17	Aug-17	Sep-17	1.5		
II.10	Procurement of goods for WUA officies (computer equipment)	4.2	SH	Post	1			Jan-18	Feb-18	Mar-18	Mar-18	Apr-18	2		
II.11	Procurement of vehicles for PIU	4.1	SH	Post	1			Jan-18	Feb-18	Mar-18	Mar-18	Apr-18	2		
			TOTA	L FOR	GOODS:	0.0									
						•									
Legend:															
ICB	International Competitive Bidding (in accordance with section 2 of the Guidelines) - For works contracts valued at more than US\$ 5,000,000 - For goods contracts valued at more than US\$ 1,000,000														
NCB	National Competitive Bidding (in accordance with paragraphs 3.3 - 3.4 of the Guidelines)  - For works contracts valued at equal to or less than US\$5,000,000  - For goods contracts valued at equal to or less than US\$ 1,000,000														
SH	Shopping (in accordance with paragraph 3.5 of the Guidelines).  - For goods contracts valued at equal to or less than US\$100,000  - For works contracts valued at equal to or less than US\$200,000														
DC	Direct Contracting (in accordance with paragraph 3.7 of the Guidelines).						<u> </u>				<u> </u>	<u> </u>			
Prior revi	ew														
For Goods co All Direct Co Shopping (Go	ontracts: All ICB contracts. All the NCB contracts estimated above US\$3,000,000 and intracts: All ICB contracts irrespective of estimation. All NCB contracts estimated about intracting contracts irrespective of estimation bods) packages: first two contracts inor Works): first two contracts		-	-			1								

*	Description/ Location	Comp.	Method of Procuremen t	Review By Donor (Prior/ Post)	No. of Packages/ Lots	Actual Cost (US\$ thous,)	Contractor/ Country of registration	Invitation Date	Expected Bid Opening Date	Contract Award Date	Start Date	Completion Date	Estimated duration (month)	Contract ref #	Status of Contracts (ongoing/ completed)
•	Description/ Location	Comp	Method of Procuremen t	Review By Donor (Prior/ Post)	No. of Packages/ Lots	Actual Cost (thous, US\$)	Contractor/ Country of registration	Invitation Date	Expected Bid- Opening Date	Contract Award Date	Start Date	Completion Date	Estimated duration (month)	Contract ref #	Status of Contracts (ongoing/ completed)
1	2		3	4	5	8	9	10	11	12	13	14	15	16	17
III. CON	SULTING SERVICES			•					•						
CONSUL	TING SERVICES FOR COMPONENT 1 ("Conversion of pur	mp-bas	sed irrigati	on to gr	vity"): D	esign. Aut	hor's Supervi	sion and Te	chnical Supe	ervision					
III.1.1	Design and Author's Supervision of ISMP gravity systems	1	QCBS	Prior	1			Mar-17	Jul-17	Sep-17	Sep-17	May-18	8		
III.1.1(a)	Design activity										Sep-17	May-18	8		
III.1.1(b) III.1.2	Author's Supervision activity  Technical supervision over Construction of ISMP gravity systems	1	QCBS	Prior	1			Mar-18	Apr-18	May-18	Jun-18 Jun-18	Jul-20 Oct-20	26 29		
	8		Total und		onent 1						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
GOT YOU	WIND GENERAL ROD COLUMN TO A TO							1							
	TING SERVICES FOR COMPONENT 2 ( "Rehabilitation of	Main		dary can	als"); Des	ign, Autho	or's Supervisi								
III.2.3	Design and Author's Supervision of ISMP main and secondary canals	2	QCBS	Prior	1			Mar-17	Jul-17	Sep-17	Sep-17	May-18	8		
III.2.3(a) III.2.3(b)	Design activity Author's Supervision activity										Sep-17 Jun-18	May-18 Feb-20	21		
III.2.4	Technical supervision over rehabilitation of ISMP main and secondary canals	2	QCBS	Prior	1			Mar-18	Apr-18	May-18	Jun-18	Feb-20	21		
III.2.5	Technical supervision over rehabilitation of Garni main canal	2	COS	Post	,			May-17	May-17	Jun-17	Jun-17	Dec-18	18		
111.2.5	Technical supervision over renabilitation of Garni main canal				onent ?			May-17	May-17	Jun-17	Jun-17	Dec-18	18		
Total under Component 2:  CONSULTING SERVICES FOR COMPONENT 3 ( "Rehabilitation or Construction of On-Farm Irrigation Network"); Design, Author's Supervision and Technical Supervision															
CONSTIT	TING SERVICES FOR COMPONENT 3 ( "Pahabilitation or					on Networ	k"). Decign	Author's Su	nervision an	d Technica	1 Supervie	ion			
CONSUL III.3.6	TING SERVICES FOR COMPONENT 3 ( "Rehabilitation or Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Irvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals					on Networ	k"); Design, .	Author's Su Aug-17	pervision an	d Technica	1 Supervis	Oct-18	11		
	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals	Const	ruction of	On-Fari	n Irrigatio	on Networ	k"); Design, .						11		
III.3.6	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard,	Const	ruction of	On-Fari	n Irrigatio	on Networ	k"); Design, .				Nov-17	Oct-18			
III.3.6 III.3.6(a)	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity	Const	ruction of	On-Fari	n Irrigatio	on Networ	k"); Design, .				Nov-17	Oct-18	11		
III.3.6(a) III.3.6(b)	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler,	3	QCBS	On-Fari	n Irrigatio	on Networ	k"); Design, .	Aug-17	Oct-17	Nov-17	Nov-17 Nov-17 Jul-18	Oct-18 Oct-18 May-21	11 35		
III.3.6(a) III.3.6(b) III.3.7	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni	3 3	QCBS	Prior Prior	n Irrigatio	on Networ	k"); Design,	Aug-17  Mar-18	Oct-17 Apr-18	Nov-17 May-18	Nov-17  Nov-17  Jul-18  Jul-18	Oct-18 Oct-18 May-21 Aug-21	11 35 38		
III.3.6(a) III.3.6(b) III.3.7	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA  Design autor's supervision over rehabilitation of Garni main canal and On-farm	3 3 3	QCBS  QCBS	Prior Prior Prior Prior	n Irrigation	on Networ	k"); Design,	Aug-17  Mar-18	Oct-17 Apr-18	Nov-17 May-18	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17	Oct-18 Oct-18 May-21 Aug-21 Nov-18	11 35 38		
III.3.6(a) III.3.6(b) III.3.7 III.3.8	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA  Design autor's supervision over rehabilitation of Garni main canal and On-farm	3 3 3	QCBS  QCBS  CQS  SSS  Cotal under	Prior Prior Prior Prior Post Prior	n Irrigation		k"); Design,	Aug-17  Mar-18	Oct-17 Apr-18	Nov-17 May-18	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17	Oct-18 Oct-18 May-21 Aug-21 Nov-18	11 35 38		
III.3.6(a) III.3.6(b) III.3.7 III.3.8	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA  Design autor's supervision over rehabilitation of Garni main canal and On-farm Irrigatioin Networks of Garni and Hatsavan communities	3 3 3	QCBS  QCBS  CQS  SSS  Cotal under	Prior Prior Prior Prior Post Prior	n Irrigation		k"); Design,	Aug-17  Mar-18  May-17	Oct-17  Apr-18  May-17	Nov-17  May-18  Jun-17	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17  Jun-17	Oct-18  Oct-18  May-21  Aug-21  Nov-18  Nov-18	11 35 38 17		
III.3.6(a) III.3.6(b) III.3.7 III.3.8 III.3.9	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals Design activity Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA Design autor's supervision over rehabilitation of Garni main canal and On-farm Irrigation Networks of Garni and Hatsavan communities	3 3 3 agemen	QCBS  QCBS  CQS SSS  Cotal under the control of the	Prior Prior Prior Prior Post Prior Prior	l l l l l l l l l l l l l l l l l l l		k"); Design,	Aug-17  Mar-18  May-17  -  Aug-17	Oct-17  Apr-18  May-17  -  Sep-17	Nov-17  May-18  Jun-17  Oct-17	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17  Jun-17	Oct-18 Oct-18 May-21 Aug-21 Nov-18 Nov-18	11 35 38 17 17		
III.3.6(a) III.3.6(b) III.3.7 III.3.8	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA  Design autor's supervision over rehabilitation of Garni main canal and On-farm Irrigatioin Networks of Garni and Hatsavan communities	3 3 3	QCBS  QCBS  CQS  SSS  Cotal under	Prior Prior Prior Prior Post Prior	n Irrigation		k"); Design,	Aug-17  Mar-18  May-17	Oct-17  Apr-18  May-17	Nov-17  May-18  Jun-17	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17  Jun-17	Oct-18  Oct-18  May-21  Aug-21  Nov-18  Nov-18	11 35 38 17		
III.3.6(a) III.3.6(b) III.3.7 III.3.8 III.3.9	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA  Design autor's supervision over rehabilitation of Garni main canal and On-farm Irrigation Networks of Garni and Hatsavan communities  LTING SERVICES FOR COMPONENT 4 ("Project Man Technical staff training (incl. hydrometry and ditch experts)	3 3 3 agemen	QCBS  QCBS  CQS SSS  Cotal under the control of the	Prior Prior Prior Prior Post Prior Prior	l l l l l l l l l l l l l l l l l l l		k"); Design,	Aug-17  May-17  -  Aug-17  Aug-18	Oct-17  Apr-18  May-17  -  Sep-17 Sep-18	May-18  Jun-17  Oct-17 Oct-18	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17  Jun-17  Nov-17  Nov-18	Oct-18  Oct-18  May-21  Aug-21  Nov-18  Nov-18  Jan-18  Jan-19	11 35 38 17 17		
III.3.6(a) III.3.6(b) III.3.7 III.3.8 III.3.9 CONSUL	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals  Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA  Design autor's supervision over rehabilitation of Garni main canal and On-farm Irrigation Networks of Garni and Hatsavan communities  LTING SERVICES FOR COMPONENT 4 ("Project Man  Technical staff training (incl. hydrometry and ditch experts)	3 3 3 4.2 4.2	QCBS  QCBS  QCBS  CQS  SSS  Cotal under and Society an	Prior  Post Prior  Post Prior  Post Prior  Post Prior	l l l l l l l l l l l l l l l l l l l		k"); Design,	Aug-17  May-17  -  Aug-17  Aug-18  Aug-19  Aug-20  May-17	Oct-17  Apr-18  May-17  -  Sep-17  Sep-18  Sep-19	May-18  Jun-17  Oct-17 Oct-18 Oct-19	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17  Jun-17  Nov-17  Nov-18  Nov-19	Oct-18  Oct-18  May-21  Aug-21  Nov-18  Nov-18  Jan-18  Jan-19  Feb-20  Feb-21  Mar-21	11 35 38 17 17 17		
III.3.6(a) III.3.6(b) III.3.7 III.3.8 III.3.9 CONSUL	Design and Author's Supervision of rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Musaler, Vagarshapat, Khoy, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni and Meghri WUA's tertiary canals Design activity  Author's Supervision activity  Technical supervision over rehabilitation of on-farm irrigation systems of Araks, Armavir, Merdzapnya, Masis, Azat, Artashat, Vedi, Ararat, Aknalich, Sevjur Akhtamar, Shenik, Kassakh, Ashtarak, Parpi, Amberd, Shamiram, Talin, Garni-Gegard, Jrvej-Dzoraghbyur, Nairi, Yegvard, Hrazdan-jur, Martuni, Musaler, Vagarshapat, Khoy and Meghri WUA's tertiary canals  Technical supervision over Rehabilitation of on-farm irrigation systems of Garni and Hatsavan communities under service area of Garni-Gegard WUA  Design autor's supervision over rehabilitation of Garni main canal and On-farm Irrigation Networks of Garni and Hatsavan communities  **LTING SERVICES FOR COMPONENT 4 ("Project Man Technical staff training (incl. hydrometry and ditch experts)	3 3 3 4.2	QCBS  QCBS  CQS  SSS  Cotal under and Second Score and Second Score Scor	Prior  Prior  Post  Prior  Post  Prior  Post  Prior	l l l l l l l l l l l l l l l l l l l		k"); Design,	Aug-17  May-17  -  Aug-17  Aug-18  Aug-19  Aug-20	Oct-17  Apr-18  May-17  -  Sep-17  Sep-18  Sep-19	May-18  Jun-17  Oct-17 Oct-18 Oct-19	Nov-17  Nov-17  Jul-18  Jul-18  Jun-17  Jun-17  Nov-17  Nov-18  Nov-19	Oct-18  Oct-18  May-21  Aug-21  Nov-18  Nov-18  Jan-18  Jan-19  Feb-20  Feb-21	11 35 38 17 17 17		

*	Description/ Location	Comp.	Method of Procuremen t	Review By Donor (Prior/ Post)	No. of Packages/ Lots	Actual Cost (US\$ thous,)	Contractor/ Country of registration	Invitation Date	Expected Bid Opening Date		Start Date	Completion Date	Estimated duration (month)	Contract ref#	Status of Contracts (ongoing/ completed)
III.4.14	Consulting servicies (electrical engineer, expert on new irrigation technologies, electronics and automatics expert, communication expert (in cell phone communication), etc.	4.1	IC	Prior/Post	Multiple			Feb-17	-	ı	ı	Mar-21			
III.4.14.1	Preparation of Technical Specifications for the Tender of Supply and Installation of Equipment Required for Upgrading the Electrical Equipment of Pumping stations	4.1	IC	Post	1			Jul-17	Jul-17	Aug-17	Sep-17	Dec-17	3		
III.4.14.2	Preparation of Technical Specifications for the Tender for Supply and Installation of Equipment Required for Establishment of Monitoring System in Pumping stations	4.1	IC	Post	1			Jul-17	Jul-17	Aug-17	Sep-17	Jan-18	4		

### Total under Component 4:

## TOTAL FOR CONSULTING SERVICES:

Legend	
QCBS	Quality and Cost-based Selection (in accordance with paragraphs 2.1 - 2.35 of the Consultant's Guidelines)
QBS	Quality Based Selection (in accordance with paragraphs 3.2-3.4 of the Consultant's Guidelines)
FBS	Selection under a Fixed Budget (in accordance with paragraph 3.5 of the Consultant's Guidelines)
LCS	Least Cost Selection (in accordance with paragraph 3.6 of the Consultant's Guidelines)
CQS	Selection based on Consultant's Qualification (in accordance with paragraph 3.7 of the Consultant's Guidelines)
SSS	Single source Selection (in accordance with paragraphs 3.8-3.11 of the Consultant's Guidelines)
IC	Individual Consultant (in accordance with section V of the Consultant's Guidelines)
Durian Dan	•

#### Prior Review

For firms: QCBS, QBS, FBS, and LCS, equal to or more than US\$ 300,000 – All the contracts above US\$ 300,000 and first 2 contracts irrespective of estimation subject to prior review

Single source (firms and individuals)- All contracts irrespective of estimation.

Individual contracts - More than US\$50,000 equivalent subject to prior review.

Threshold for shortlist of entirely national consultants: Shortlists of consultants for services estimated to cost equal to or less than US\$ 300,000 equivalent per contract may be composed entirely of national consultants in accordance with the provisions of paragraph 2.7 of Consultant's Guidelines.