

## ***ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER**

**Contract title: “Improving capacities for training, education and employment of convicted persons and investment in sustainability of humane living conditions in prisons” – Supplies of Agricultural machinery**

**Publication reference: EuropeAid/135636/IH/SUP/RS**

### **Lot 2: Solar Panels**

#### **Delivery of the equipment**

The locations of installation for each item are specified in Table 1.

Item Number TS	ITEM DESCRIPTION	Delivery Location																Total Quantity
		CI Krusevac	DP/SPH Beograd	DP Cacak	DP Leskovac	DP Prokuplje	DP Sabac	DP Subotica	DP Vranje	DP Zajecar	PCI Beograd	PCI Cuprija	PCI Nis	PCI Padinska skela	PCI Pozarevac Zabela	PCI Sombor	PCI Sremska Mitrovica	
1.1.	Module - FPC - type A	40		10	13	6		10	5	15			20	34	40	14	67	274
1.2.	Module - FPC - type B						10				20	16			33		48	127
1.3.	Module - FPC - type C		18										14				12	44
15.	Solar control unit for solar systems													1				1
16.	Solar control unit for mid-sized to complex solar systems.	1		1	3	1	2	1	1	2	1	2	1	3	3	1	8	31
17.	Solar control unit for multi-tank and complex solar systems		1										1				1	3
22.1.	Membrane-pressure expansion tank, - type 1.				3				1	1				2				7
22.2.	Membrane-pressure expansion tank, - type 2.					1	2							1				4
22.3.	Membrane-pressure expansion tank, - type 3.			1						1		2					4	8
22.4.	Membrane-pressure expansion tank, - type 4.							1										1
22.5.	Membrane-pressure expansion tank, - type 5.	2	1										1	1	1	1	3	10
22.6.	Membrane-pressure										1				1		1	3

	expansion tank, - type 6.																	
22.7.	Membrane-pressure expansion tank, - type 7.														1			1
22.8.	Membrane-pressure expansion tank, - type 8.		1										1				1	3
23.1.	Solar stations with flow meter - type 1	2			3	1	2	1	1	2		2	1		2	1	8	26
23.2.	Solar stations with flow meter - type 2			1										4				5
24.	Solar stations with sensor and control unit									1					1			2
25.	Solar stations for large system		2										1				1	4
27.	Multifunctional valve		1										1				1	3
28.	Secondary pump group for Hot Water									2			4	2	1	1	8	18
29.	Anti-stagnation unit									1					1		1	3
30.	Anti-stagnation unit - type 1		1															1
31.	Anti-stagnation unit - type 2												1					1
32.1.	Solar hot water tank, enamelled				2		4							2				8
32.2.	Solar hot water tank, enamelled				1	1		2	1	3								8
34.1.	DHW tank, capacity 1,5 m3			1								2			2		2	7
35.1.	DHW tank, capacity 1,0 m3												2				2	4
35.2.	DHW tank, capacity 2,0 m3														2			2
35.3.	DHW tank, capacity 3,0 m3													1	1		2	4



37.13.	Tank, vertical, capacity 3 m2 – type 1.												1					<b>1</b>
37.14.	Tank, vertical, capacity 3 m2 – type 2.	1																<b>1</b>
39.	Expansion vessel for Solar Fresh Water tank – type 1.				2									2				<b>4</b>
40.	Expansion vessel for Solar Fresh Water tank – type 2.				2	1			1	2								<b>6</b>
41.	Expansion vessel for Solar Fresh Water tank – type 3.						2										1	<b>3</b>
42.	Expansion vessel for Solar Fresh Water tank – type 4.				1			2		2		4					1	<b>10</b>
43.	Expansion vessel for Solar Fresh Water tank – type 5.										1						4	<b>5</b>
44.	Expansion vessel for Solar Fresh Water tank – type 6.												1				1	<b>2</b>
45.	Expansion vessel for Solar Fresh Water tank – type 7														3		4	<b>7</b>
46.	Expansion vessel for Solar Fresh Water tank – type 8.													1	1		2	<b>4</b>
47.	Expansion vessel for Solar Fresh Water tank – type 9.	1													1			<b>2</b>
48.	Expansion vessel for Solar		1										1				1	<b>3</b>

	Fresh Water tank – type 10.																	
51.1.	Plate heat exchanger, capacity 13,3 kW												1					1
51.2.	Plate heat exchanger, capacity 26,7 kW															1		1
51.3.	Plate heat exchanger, capacity 53,3 kW										1							1
51.4.	Plate heat exchanger, capacity 107 kW													1		1		2
51.5.	Plate heat exchanger, capacity 160 kW		1										1					2
103.	Light fuel boiler capacity 80-120 kW		1															1
106.	Two-stage with servo motor light oil burner		1															1
107.	Circulation pump – type 1.		1															1
108.	Circulation pump – type 2.		1															1
109.	Expansion vessel		1															1

*Table 1*

## Acceptance

The acceptance shall be made by person that will be authorised to sign the acceptance (the names and contact addresses are provided in Table 2.)

Table 2

	<b>Institution</b>	<b>Address</b>	<b>Authorised Person</b>	<b>Phone no</b>	<b>e-mail address</b>
1	Penal Correctional Institution in Sremska Mitrovica	Fruškogorska bb, 22000 Sremska Mitrovica	Predrag Krnjajić, Head of the Group for Electrical Maintenance	+ 381 64 87 09 461	<a href="mailto:nebojsa.draganovic@uiks.gov.rs">nebojsa.draganovic@uiks.gov.rs</a>
2	Penal Correctional Institution in Požarevac – Zabela	Zabelski put bb, 12000 Požarevac	Saša Petrović, Construction operations officer	+ 381 65 52 59 091 or +381 12 553 883	<a href="mailto:pokpz@uiks.gov.rs">pokpz@uiks.gov.rs</a>
3	Penal Correctional Institution in Niš	Naselje Milke Protić bb, 18000 Niš	Goran Janjićijević, Head of the Section for Maintenance	+ 381 66 84 02 810	<a href="mailto:jgoran.kpz@gmail.com">jgoran.kpz@gmail.com</a>
4	District Prison in Belgrade	Bačvanska 14, 11 000 Beograd	Nebojša Smiljanić, Head of the Maintenance	+381 66 82 18 132	<a href="mailto:bgzatvor@uiks.gov.rs">bgzatvor@uiks.gov.rs</a>
	Special Prison Hospital in Belgrade	Bačvanska 14, 11 000 Beograd	Stevo Sarapa, Head of Technical Services	+381 11 24 19 557	<a href="mailto:bgbolnica@uiks.gov.rs">bgbolnica@uiks.gov.rs</a>
5	Penal Correctional Institution in Belgrade-	Zrenjaninski put bb, 11213 Belgrade-Padinska skela	Dejan Ćirjaković, Officer in the Common Affairs Services	+381 11 41 43 617 or +381 11 41 43 629	<a href="mailto:bgkpzfin@uiks.gov.rs">bgkpzfin@uiks.gov.rs</a>
6	Penal Correctional Institution in Belgrade-Padinska Skela	Zrenjaninski put bb, 11213 Belgrade-Padinska skela	Vladimir Albin, Head of the Maintenance	+381 65 54 17 332	<a href="mailto:pskpz@uiks.gov.rs">pskpz@uiks.gov.rs</a>
7	Penal Correctional Institution in Sabac	Stefana Prvovenčanog bb, 15000 Šabac	Dragan Pavlović, electrician	+381 15 370 090 or +381 64 87 48 810	<a href="mailto:sakpz@uiks.gov.rs">sakpz@uiks.gov.rs</a>

8	Penal Correctional Institution in Sombor	Staparski put 1, 25000 Sombor	Vladan Novaković, Head of the Maintenance Services	+381 25 433 436 or +381 66 82 18 186	<a href="mailto:sokpz@uiks.gov.rs">sokpz@uiks.gov.rs</a>
9	Penal Correctional Institution in Čuprija	Danila Dimitrijevića 7a, 35230 Čuprija	Dejan Brzaković, Maintenance instructor	+ 381 62 80 31 719	<a href="mailto:cukpz@uiks.gov.rs">cukpz@uiks.gov.rs</a>
10	Juvenal Correctional Institution in Kruševac	Blagoja Parovića bb, 37000 Kruševac	Ljubomir Milićević, Head of the Service for Training and Employment	+381 37 41 02 60 or +381 66 82 18 333	<a href="mailto:ksvpd.pogon@uiks.gov.rs">ksvpd.pogon@uiks.gov.rs</a>
11	District Prison in Subotica	Park Rajhla Ferenc 1, 24000 Subotica	Milena Djurković Nenadović, Head of the Section for Common Affairs	+381 66 82 18 181	<a href="mailto:finsuoz@uiks.gov.rs">finsuoz@uiks.gov.rs</a>
12	District Prison in Leskovac	6. Septembra 2, 16000 Leskovac	Goran Živković, Head of the Service for Training and Employment	+381 66 82 18 263 or +381 16 245 598	<a href="mailto:lezatvor@uiks.gov.rs">lezatvor@uiks.gov.rs</a>
13	Distict Prison in Zaječar	Izvorski put bb, 19000 Zaječar	Borko Dinić, Organiser in the Service for Training and Employment	+381 19 425 237, exst.104	<a href="mailto:finzaoz@uiks.gov.rs">finzaoz@uiks.gov.rs</a>
14	District Prison in Čačak	Cara Dušana 3/1, 32000 Čačak	Igor Starčević, janitor	+381 64 87 13 345 or +381 32 343 923	<a href="mailto:fincaoz@uiks.gov.rs">fincaoz@uiks.gov.rs</a>
15	District Prison in Vranje	Cara Dušana 1, 17000 Vranje	Nenad Nikolić, Workpost for legal affairs	+381 66/82 18 287	<a href="mailto:vrzatvor@uiks.gov.rs">vrzatvor@uiks.gov.rs</a>
16	District Prison in Prokuplje	Tatkova 6, 18400 Prokuplje	Vesna Mladenović, Head of the Service for Common Affairs	+381 66 82 18 273	<a href="mailto:pkzatvor@uiks.gov.rs">pkzatvor@uiks.gov.rs</a>

The Tenderer must provide the necessary measures to prevent any damage during delivery and installation. If any damage occurs during delivery and installation the Tenderer must appropriately rectify it.

The Tenderer must keep the work site(s) clean and safe against any hazard (e.g. fire, etc.) during all supply stages until formal acceptance.