

## **IRPIN INVESTMENT COUNCIL**

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April 11, 2022

**Major Cavalier Johnson**  
**Milwaukee City Hall**  
**200 East Wells Street,**  
**Milwaukee, Wisconsin, 53202**

### **Appeal**

Dear Mayor Johnson, in connection with the hostilities and the temporary occupation of the territory of the Irpin community and directly the territory of public utilities and all structural units in the cities of Irpin, Bucha, Gostomel, Vorzel, village Mykhailivka-Rubezhivka, village Kozyntsi and the village of Dibrova, Municipal Enterprise "Irpinvodokanal" is on the verge of an industrial catastrophe. The company lost almost the entire fleet, very seriously damaged production facilities, well equipment, pumping stations, water deironing stations, etc. As a result, the company is unable to function effectively, leading to a humanitarian crisis in the region, as drinking water is a strategic resource. Destroyed sewage and water supply networks require immediate diagnosis and repair.

Given the circumstances, the Investment Council of Irpen requests you to provide the following minimum necessary assistance (Annex 1) for the proper functioning of the enterprise.

We hope for your understanding of the situation in the region and productive cooperation.

**Sincerely,**  
**Chairman of the Council Volodymyr KARPLYUK**

List of minimum necessary machinery and equipment for the proper functioning  
of Municipal Enterprise "Irpinvodokanal"

n / a	Name	Brief technical description	Quantity, items.	Note
1	Specialized car (sewer washing machine)	<p>Used for flushing sewer networks and eliminating accidents.</p> <p>Diesel engine car chassis.</p> <p>Wheel formula 4x2</p> <p>Ecological class - Euro-5.</p> <p>The transmission is manual.</p> <p>Isothermal van (outer skin metal)</p> <p>Steel frame (steel thickness - 3 mm), primed and painted.</p> <p>The capacity of the tank is not less than 6 m<sup>3</sup></p> <p>The thickness of the walls of the tank is not less than 4 mm, the material is steel, the frame is insulated.</p> <p>Length of a sleeve of a high pressure (d = 20), not less - 50 m - 2 pieces.</p> <p>Diameter of the cleaned pipeline, mm., - 50-1200.</p> <p>High pressure pump.</p> <p>The water pressure generated by the pump, MPa, not less than -30 *.</p> <p>Set of erosion heads for cleaning sewer networks: nozzles sewer for cleaning of pipelines with a diameter:</p> <ul style="list-style-type: none"> <li>- 50-100 mm - 1 piece;</li> <li>100-250 mm - 2 pieces;</li> <li>- 250-500 mm - 2 pieces;</li> <li>400-1200 mm - 1 pc.</li> </ul>	3	Used for flushing sewer networks and eliminating accidents.
2	Vacuum truck KO-503V on the chassis GAZ-3309 or equivalent	<p>Used for pumping sewage and liquids.</p> <p>Wheelbase 4x2</p> <p>Tank capacity 3.5 m<sup>3</sup>.</p>	5	Used for pumping sewage and liquids. Tank capacity not less than 3.5 m <sup>3</sup> .

3	Mule suction car on MAZ 5340C2 chassis or equivalent	<p>Wheel formula 4x2  Cab without hood  Manual / 9  Load capacity not less than 13.5 tons.  Gross weight not less than 20.3 tons.  Engine type - diesel, Euro-5, 250 hp  Suction depth not less than 6.5 m.  Pump capacity not less than 720 m<sup>3</sup> / h.  Tank filling time no more than 10 minutes  Tank unloading system - dump truck type  Loading system - upper with boom and rear.  Tank capacity not less than 6 m<sup>3</sup>.</p>	3	Used for pumping sewage, liquids, sludge, etc. Tank capacity not less than 6 m <sup>3</sup> .
4	The car for transportation of drinking water on the GAZ-3309 chassis or equivalent	<p>Used to transport drinking water  The capacity of the tank is not less 3 m<sup>3</sup>  Wheelbase 4x2</p>	3	Used to transport drinking water The capacity of the tank is not less 3 m <sup>3</sup>
5	Different diesel generators: Power - 380 kW; -100 kW; -50 kW -30 kW	<p>Type of fuel - diesel  Trailer for transportation</p>	2 5 10 5	To perform various amounts of repair work and support the operation of the enterprise
6	Truck crane KS-3579-C-02 on MAZ chassis or equivalent	<p>Engine type - diesel, Euro-5, 240 hp  Wheel formula 4x2  Cab without hood  Manual / 9  Full weight 17t.  Maximum load capacity - 15 tons.  Maximum loading moment not less than 45 t.m.  The maximum lifting height is 20 m.  Depth of descent 3 m.</p>	2	To perform various amounts of repair work and support the operation of the enterprise

		<p>The boom length of the truck crane is 8.75-20.75 m.</p> <p>Maximum departure not less than 18 m.</p> <p>Speed of raising / lowering of cargo of 10 m / min.</p> <p>Maximum speed 1.6 rpm</p> <p>Base of remote supports no more than 4,2m.</p>		
7	IVECO car with electric tower or equivalent	<p>Diesel engine</p> <p>Wheelbase 4x2</p>	1	To perform repair work on power supply networks
8	Automobile specialized emergency workshop ASAM-22 on the MAZ-4571R2 chassis or equivalent	<p>Used to transport repair crews / personnel with equipment and auxiliary equipment</p> <p>Wheelbase 4x2</p> <p>Cab without hood</p> <p>Manual / 9</p> <p>Engine type - diesel, Euro-5, 250 hp</p>	6	Used to transport repair crews / personnel with equipment and auxiliary equipment
9	Car with 4x4 wheelbase		1	For inspection and repair of wells in the forest belt
10	Dump truck		1	It is used for transportation of soils during replacement of water supply networks and liquidation of accidents
11	Mini excavator JCB 16C-1 TK or equivalent	<p>The mini-excavator is caterpillar on the sliding chassis including the dump, width in the shifted condition of 980 mm and spread 1330 mm.</p> <p>Width of the machine - 1330 mm</p> <p>Weight 1749 kg.</p> <p>Engine 15.91 hp, 45.6 Nm</p> <p>The maximum digging depth is 2576 mm</p> <p>The maximum unloading height is 2637 mm</p>	1	To perform repair work on sewerage and water supply networks

		Width of rubber caterpillars is 230 mm Number of support rollers - 3		
12	Wheel backhoe JCB JS175W or equivalent	Wheel excavator on a special chassis with pneumatic wheel drive and front blade, all-wheel drive and power steering Gross weight 17660 kg. Bucket capacity - 0.9 m <sup>3</sup> Turbocharged diesel engine / 4.8 l, 172 hp The maximum digging depth is 6120 mm The maximum digging height is 9237 mm. The maximum digging radius is 8974 mm.	2	To perform repair work on sewerage and water supply networks
13	JCB 3CX SITEMASTER backhoe loader or equivalent	Backhoe loader on special chassis with pneumatic wheel drive, all-wheel drive and power steering Turbocharged diesel engine, 92 hp, 4400 cm <sup>3</sup> Gross weight 8102 kg. Bucket multipurpose 6-in-1, jaw Height of unloading of a bucket is 2720 mm. Loader bucket capacity - 1m <sup>3</sup> The capacity of the excavator bucket is 0.24 m <sup>3</sup> The maximum digging depth is 5900 mm The maximum loading height is 4700 mm.	3	To perform repair work on sewerage and water supply networks
14	FIAT DUCATO CARGO 2.3 D Manual or equivalent	Freight van, 3-seater, medium roof 2.3 Turbodiesel, 130 hp ABS, ESC + LAC, HBA, Roll-over Mitigation + Hill holder Manual / 6, front-wheel drive Overall dimensions are 5413 * 2050 * 2524 mm	5	To perform various amounts of repair work and support the operation of the enterprise

		The size of the luggage compartment is 3120 * 1870 * 1932 mm Load capacity - 1575 kg Euro 5+		
15	FIAT Nuovo Doblo car or equivalent	Combi Active 1.3 Mj Corto Freight and passenger van, 5-seater 1.3 16v 90 hp / 4000 rpm Turbodiesel, 1248 cm3 Manual / 5 VDC + ABS with EBD + ASR / MSR + HILL HOLDER	8	To perform various amounts of repair work and support the operation of the enterprise
16	Car for washing and disinfection of indoor networks	Used for rinsing and disinfection of indoor networks Wheelbase 4x2	1	Used for rinsing and disinfection of indoor networks