Limited Liability Company (OOO) “Plant “Aeroenergoprom”

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**Business proposal**

**Honourable members!**

**OOO “Plant Aeroenergoprom” (LLC)** is an innovative industrial engineering enterprise, resident of the Republic of Belarus, resident of Minsk city technopark.

For more than 10 years our company has been specializing in development and production of:

- unique high-technology equipment and laboratory facilities for recycling of more than 150 types of hydrocarbon waste;

- equipment for heavily polluted flue gases utilization and purifying;

- facilities of condensation and filtration of high-temperature gases originated from pyrolysis process;

- blocks of cavitation treatment of pyrolytic liquids originated from recycling process;

- mobile and stationary air heating systems.

The above said technologies can be of interest to the following fields of industry:

1. Waste segregation facilities.
2. Dumping grounds for solid household waste.
3. Automobile tyres and rubber technological items (RTI) recyclers.
4. Plastics and polymer mixture-containing waste recyclers
5. Manufacturing plants having RTI waste, plastic and other carbon-containing waste
6. Plastic car parts recyclers (car and household equipment dismantling and utilization)
7. Car tyre textile cords recycling.
8. Petroleum products contaminated lands (oil slime).
9. Synthetic fabrics waste recycling.
10. Carpet manufacturing waste recycling.
11. Petroleum refining industry waste recycling.
12. Packaging, plastics and polyethylene waste recycling.

The following products can be made from the recycling of different types of waste in TDC complex “Pulsar”:

1. Thermal and electrical energy.
2. Steam.
3. Motor fuels.
4. Fuel additives.
5. Once-run petrol and diesel fractions.
6. Goudrons.
7. Broad group of solvents (nefrases, veins, white spirit, toluene, xylene);
8. Carbon black.
9. Technical sorbent.
10. Solid fuel being produced from carbon black.

Annex - 1 (waste products table)

Tasks of producing the above said goods from waste products are determined in the technical specification taking into consideration physical and chemical indicators of the waste.

A wide range of our company`s researches, possibility of individual approach to each order, experienced staff and a wealth of experience from cooperation with foreign company representatives allow our equipment to be used effectively in different fields of industry in various countries of the world.

**Geography of deliveries**

The Republic of Belarus

Mobile heating and ventilation blocks for civilian aircraft drying, stations of cavitation treatment of water-based fuels, block burner devices for oil waste incineration, painting and drying complex for automotive equipment, fixed systems for industrial premises heating, different laboratory benches for waste utilization operating procedure processes.

The Russian Federation

Laboratory bench of filtration and condensation of solid household waste pyrolysis recycling, fixed systems for industrial premises heating, stations of cavitation treatment of water-based fuels, block burner devices for oil waste incineration.

Ukraine

Fixed systems for industrial premises heating, benches of cavitation treatment of pyrolytic liquids.

Lithuania

Systems of air destratification of industrial premises, blocks of automation of air heating installations.

China

Mobile (container) complex Pulsar for carpet manufacturing waste pyrolysis recycling, capacity of 7 - 12 tons per day.

Our equipment is based on the solutions using both unique researches of our company and European and World class advanced technical solutions.

OOO “Plant Aeroenergoprom” holds all the necessary permits to produce and supply the equipment to the Republic of Belarus, the Russian Federation. European type permission documents can also be prepared by our company.

The equipment produced by our company is used for operating in different climate regimes, in aggressive environments, is fire-safe and explosion proofed.

Moreover, all the permission licenses are held by OOO “Plant Aeroenergoprom”.

In addition to equipment production and supply the following range of services is being provided

- Assembly, startup-setup operations.

- After-sale service.

- Our company`s equipment repair.

Geographical location of the objects requiring development and supply of our equipment does not matter. Our teams and laboratories with modern equipment perform all the work professionally, faithfully and just in time.

Your task is only to provide us with technical project and waste samples.

Equipment development for your needs which would solve all your problems and generate revenue as well is the main objective of our company.

You are invited to consider OOO “Plant Aeroenergoprom” as a potential partner and we shall appreciate the possibility to receive the information of current and further projects associated with our developments and researches, our equipment production.

Please, send the information to all foreign institutions of the Republic of Belarus.

**LIMITED LIABILITY COMPANY (OOO)**

**“PLANT AEROENERGOPROM”**

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Reference to youtube channel

https://www.youtube.com/channel/UCvbCKpZeret0nBC2fz\_-FpQ/videos

Yours sincerely,

Director V.Shablou

Annex 1

TYPES OF WASTE

Thermal destruction complexes TDC “Pulsar” (law temperature pyrolysis) produced by OOO “Plant Aeroenetgoprom” are designed for recycling of the following types of waste:

|  |  |  |  |
| --- | --- | --- | --- |
| No | Waste code | Waste name | Hazard class |
|  | 1870500 | Ruberoid waste | 4 |
|  | 3141000 | Bitumen and asphalt and concrete mixture remains | 4 |
|  | 3141002 | Asphalt and asphalt and concrete mixture remains without tar | nonhazardous |
|  | 3141707 | Activated carbon burnt out and polluted with mineral oils (content of oils - less than 15%) | 4 |
|  | 3141708 | Activated carbon burnt out polluted with mineral oils (content of oils - 15% and more) | 3 |
|  | 3142300 | Soils polluted with petroleum products of technological disasters (accidents) | 3 |
|  | 3142403 | Sand, polluted with mazut (content of mazut - less than 15%) | 4 |
|  | 3142404 | Sand, polluted with mazut (content of mazut - 15% and more) | 3 |
|  | 3142407 | Sand, polluted with petrol (content of petrol - less than 15%) | 4 |
|  | 3142408 | Sand, polluted with petrol (content of petrol - 15% and more) | 3 |
|  | 3143501 | Filtered masses with specific harmless impurities used (activated carbon, clay) others | 4 |
|  | 5750101 | Waste of non-vulcanized rubber mixtures | 4 |
|  | 5750104 | Waste of rubber mixtures with the oil of rubber mixers labyrinth sealants | 3 |
|  | 5750105 | Waste of non-vulcanized rubber mixtures based on caoutchouc of general-purpose | 3 |
|  | 5750107 | Rubber vulcanized waste of molded rubber technological items (RTI) production | 3 |
|  | 5750112 | Waste of conveyer belt | 3 |
|  | 5750113 | Waste of engineering plate | 4 |
|  | 5750114 | Tube waste | 4 |
|  | 5750116 | Waste of belts | 4 |
|  | 5750118 | Waste of vulcanized rubber pipes and hoses | 4 |
|  | 5750119 | Sealing gaskets, packing seals, bushings etc. used | 3 |
|  | 5750122 | Rubber-textile articles waste | 3 |
|  | 5750125 | Waste of rubber-coated metal cord | 3 |
|  | 5750126 | Non-vulcanized rubber metal waste | 3 |
|  | 5750127 | Waste of inner tubes (tyrs) based on caoutchouc of general-purpose | 3 |
|  | 5750128 | Waste of inner tubes (tyrs) based on butyl rubber | 3 |
|  | 5750129 | Waste of rim strips | 3 |
|  | 5750130 | Pressing-out of vulcanized rubber products | 3 |
|  | 5750136 | Rubber vulcanized waste of rubber plates production (technological) | 3 |
|  | 5750137 | Rubber-textile vulcanized waste of non-molded rubber-textile articles production | 3 |
|  | 5750138 | Rubber non-vulcanized waste of molded RTI production | 3 |
|  | 5750142 | Rubber non-vulcanized waste of rubber tube production | 3 |
|  | 5750143 | Rubber non-vulcanized waste of gummed overshoes production | 3 |
|  | 5750144 | Waste of rubber cable conveyer belt | 3 |
|  | 5750145 | Bead rings | 3 |
|  | 5750146 | Cord waste | 3 |
|  | 5750147 | Waste of textile cord tyres | 3 |
|  | 5750148 | Waste of metal cord tyres | 3 |
|  | 5750152 | Rubber-textile non-vulcanized waste of rubberized textile production | 3 |
|  | 5750153 | Rubber-textile vulcanized waste of rubberized textile production | 3 |
|  | 5750159 | Rubber-textile non-vulcanized waste of V- belts production | 3 |
|  | 5750163 | Rubber-textile non-vulcanized waste | 3 |
|  | 5750164 | Rubber-textile non-vulcanized waste of sport footwear production | 3 |
|  | 5750165 | Rubber-textile non-vulcanized waste of insulated footwear production | 3 |
|  | 5750180 | Waste of sponge rubber | 3 |
|  | 5750181 | Rubber crumb | 3 |
|  | 5750182 | Rubber dust | 3 |
|  | 5750201 | Metal cord tyres used | 3 |
|  | 5750202 | Textile cord tyres used | 3 |
|  | 5750204 | Waste of textile cord tyres under corrective maintenance after transportation | 3 |
|  | 5750206 | Waste of metal cord tyres under corrective maintenance after transportation | 3 |
|  | 5750500 | Remains of latex | 3 |
|  | 5810404 | Remains of cellulose film (cellophane) | 3 |
|  | 5810405 | Remains of cellulose film (sausage wrapping) | 3 |
|  | 5820601 | Cleaning material polluted with oils (oil content – less than 15%) | 3 |
|  | 5820602 | Cleaning material polluted with oils (oil content – 15% and more) | 3 |
|  | 5960400 | Sorbents (A-4M type adsorbent) of cleaning process of aromatic hydrocarbon extract on A-4M type clays of unsaturated hydrocarbons | 4 |
|  | 5960600 | Adsorbents | 4 |
|  | 5960700 | Fibre sorbents used | 4 |
|  | 5960900 | F-160 adsorbent used | 4 |
|  | 5964900 | Other sorbent not being a part of VIII Г group | 4 |
|  | 7710801 | Disposable syringes used and decontaminated (neutralized) | 4 |
|  | 8430300 | Silt activated of treatment facilities | 4 |
|  | 8430400 | Dry sediments (after thermal or any other drying) | 3 |
|  | 8430800 | Biological ponds sediments of treatment facilities | 4 |
|  | 8439900 | Other sediments of waste-water treatment at treatment facilities not being a part of I В group | 4 |
|  | 9120200 | Household equipment the consumer properties of which have been exhausted | nonhazardous |
|  | 9120201 | Office equipment the consumer properties of which have been exhausted | nonhazardous |
|  | 5410201 | Synthetic and mineral oils used | 3 |
|  | 5410202 | Motor oils used | 3 |
|  | 5410203 | Diesel oils used | 3 |
|  | 5410204 | Aviation oils used | 3 |
|  | 5410205 | Industrial oils used | 3 |
|  | 5410206 | Transmission oils used | 3 |
|  | 5410207 | Transformer and heating oils, not containing halogens, polychlorinated biphenyls and terphenyls, used | 3 |
|  | 5410212 | Compressor oils used | 3 |
|  | 5410213 | Turbine oils used | 3 |
|  | 5410214 | Hydraulic oils used, not containing halogens | 3 |
|  | 5410216 | Lubricating and cooling oils for machining used | 3 |
|  | 5410702 | Motor oils remains the consumer properties of which have been exhausted | 3 |
|  | 5410703 | Diesel oils remains the consumer properties of which have been exhausted | 3 |
|  | 5410704 | Aviation oils remains the consumer properties of which have been exhausted | 3 |
|  | 5410705 | Industrial oils remains the consumer properties of which have been exhausted | 3 |
|  | 5410706 | Transmission oils remains the consumer properties of which have been exhausted | 3 |
|  | 5410707 | Transformer oils remains, not containing halogens, polychlorinated biphenyls and terphenyls, the consumer properties of which have been exhausted | 3 |
|  | 5410711 | Compressor oils remains the consumer properties of which have been exhausted | 3 |
|  | 5410712 | Turbine oils remains, not containing polychlorinated biphenyls and terphenyls, the consumer properties of which have been exhausted | 3 |
|  | 5410713 | Hydraulic oils remains, not containing halogens, the consumer properties of which have been exhausted | 3 |
|  | 5410715 | Lubricating and cooling oils for machining remains the consumer properties of which have been exhausted | 3 |
|  | 5410800 | Polluted mazuts and fuel | 3 |
|  | 5410801 | Diesel fuel the consumer properties of which have been exhausted | 3 |
|  | 5411200 | Oils polluted with scale and slag | 3 |
|  | 5412100 | Special industrial oils | 3 |
|  | 5412101 | Oil waste of rubber mixers labyrinth sealants | 3 |
|  | 5412300 | Petroleum products used mixture | 3 |
|  | 5412900 | Other oils used (absorption, absorbent, solar) | 3 |
|  | 5419900 | Other synthetic and mineral oils remains, not being a part of IV А group | 3 |
|  | 5420700 | Paraffins | 3 |
|  | 5429900 | Other waste of fats (lubricants) and paraffins of mineral oils, not being a part of IV Б group | 3 |
|  | 5440207 | Emulsions and emulsion mixtures for polishing metals class 3 used, containing oils or petroleum products in the number of 15% and more | 3 |
|  | 5449900 | Other waste of emulsions and petroleum products mixtures, not being a part of IV В group | 3 |
|  | 5450300 | Oil-containing slime | 4 |
|  | 5450400 | Soil polluted with petroleum | 4 |
|  | 5450500 | Other petroleum production remains polluted with petroleum | 4 |
|  | 5470200 | Oil and petrol catchers content | 3 |
|  | 5470300 | Oil removing installations slime | 3 |
|  | 5470500 | Solar oil regeneration slime | 3 |
|  | 5470600 | Petroleum paraffins slime | 3 |
|  | 5471500 | Slime of clearance of tanks | 3 |
|  | 5471502 | Slime of pipeline and tanks clearance (barrels, containers, cisterns, goudronators) of petroleum | 3 |
|  | 5471600 | Petroleum slime of rolling stock and equipment | 3 |
|  | 5471700 | Bottom sediments of mazut reservoirs | 4 |
|  | 5471800 | Reservoirs for transportation by means of railway and vehicle transport clearance remains containing petroleum products | 4 |
|  | 5471900 | Slime of petroleum catchers | 4 |
|  | 5479900 | Other slome of mineral oils, remains containing petroleum products, not being a part of IV Д group | 3 |
|  | 5492300 | Waste of commodity bitumen | 4 |
|  | 5492800 | Oil filters used | 3 |
|  | 5492900 | Petroleum products tare used | 3 |
|  | 5536000 | Kerosene | 3 |
|  | 5550306 | Slime of runoffs of oil dense paints and coatings production | 3 |
|  | 5550400 | Waste of enamel | 4 |
|  | 5550705 | Non-certified paints | 3 |
|  | 5710100 | Remains and mixtures of polymeric materials | 3 |
|  | 5711011 | Polyurethane foam | 3 |
|  | 5711014 | Flexible polyurethane foam (foam rubber) | 4 |
|  | 5711019 | Other waste of polyurethane and polyurethane foam | 3 |
|  | 5711400 | Polyethylene-bottles | 3 |
|  | 5711502 | Polyethylene terephthalate (lavsan) – films | 3 |
|  | 5711800 | Plastic tare | 3 |
|  | 5711900 | Plastic tare of perfume and cosmetics | 4 |
|  | 5712000 | Plastic films | 4 |
|  | 5712100 | Polyethylene | 3 |
|  | 5712101 | Waste of high density polyethylene (ingots, film cuttings, defects) | 3 |
|  | 5712102 | Lines of five-layer (polyamide polyolefine co-extruded) films | 3 |
|  | 5712103 | Polyethylene waste in the production of items | 3 |
|  | 5712104 | Polyethylene waste of molding production (molded items) of polymeric materials based on high density | 3 |
|  | 5712105 | Law density polyethylene | 3 |
|  | 5712106 | Polyethylene (films, cuttings) | 3 |
|  | 5712107 | Waste of polyethylene (tourniquets, lumps, granule placer, etc.) in polyethylene production (primary products) | 3 |
|  | 5712108 | Polyethylene with sticky layer | 3 |
|  | 5712109 | Polyethylene, obsolete articles of industrial and technological purposes | 3 |
|  | 5712110 | Polyethylene, obsolete film articles | 3 |
|  | 5712119 | Other waste of polyethylene | 3 |
|  | 5712706 | Polyethylene primary products bags | 3 |
|  | 5712710 | Plastic waste in the form of washing, cleaning and other similar means tare | 3 |
|  | 5712711 | Plastic waste in the form of paint-and lacquer materials tare | 3 |
|  | 5712801 | Polypropylene (films: torn films, defect) | 3 |
|  | 5712802 | Polypropylene, defective items, article cuttings | 3 |
|  | 5712808 | Polypropylene polluted | 3 |
|  | 5712809 | Bicarbonate polypropylene bags | 3 |
|  | 5712811 | Raw materials polypropylene bags | 3 |
|  | 5712819 | Other polypropylene | 3 |
|  | 5713902 | Plastic body of dissembled accumulators | 3 |