

THE INNOVATIVE OFFER

1. DATA ON THE APPLICANT		
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2. THE SCIENTIFIC AND TECHNICAL INFORMATION ON THE PROJECT		
7	The project name	The organisation of assembly production elektrohelioprofil "Photon"
8	The project description / business ideas	The innovative offer can be implemented in the form of creation of the enterprise for assembly production of an innovative product - elektrohelioprofil "Photon".
9	The innovation maintenance	Development of variants of a design elektrohelioprofil "Photon" and technologists of assembly production, and also offers on creation of the specialised process equipment.
3. THE PROJECT DESCRIPTION		
10	The project purpose / business ideas	Creation of the enterprise for assembly production of an innovative product - elektrohelioprofil "Photon".
11	Scope	1. Building of energy active buildings with the reduced power consumption and production of the "solar" electric power which use energy of alternative sources. 2. A construction of solar power stations in borders of settlements and industrial zones at reconstruction existing and building of new constructions of different function according to the concept of power active buildings.
12	Competitive advantages	Elektrohelioprofil "Photon" unites a constructional building roofing (front) material, a solar thermal collector with liquid and air contours of heat-carriers and the solar battery.
13	Approbation	The variant helioprofil without function of the solar battery (helioprofil) has been used at building of objects in the cities of Lvovs and Dnepropetrovsk.
4. RIGHT PROTECTION		
14	Inventions / useful models / industrial samples / other objects of intellectual property	The patent of Ukraine for the invention of №103003 "Helioprofil"
15	The proprietor and documents that confirm an ownership right	- Strashko Vitaly Vasilevich - Golovchenko Valery Konstantinovich - Sobkiv Dmitry Ivanovich

16	Certificates of the international sample	-
5. THE ORGANIZATIONAL PLAN AND BUSINESS PLANNING		
17	Stages of development of the project, in %	<p>1. Development of variants of a design elektrohelioprofil - 50 %</p> <p>2. Development of variants technologists зборки - 20 %</p> <p>3. Development of the specialised process equipment - 1 %</p> <p>4. Development of the project of assembly production - 0 %</p>
18	The project planned schedule (the stage name, accomplishment terms)	<p>1 stage - design-technical provision of process of production of trial samples. Term of accomplishment of 6 months.</p> <p>2 stage - creation of pilot production with an exit on design productivity on electric capacity 1MVA in a year. Accomplishment term - 1 year on the existing industrial areas. Production start in again constructed premises depends on terms of their building with a necessary infrastructure.</p> <p>3 stage - creation of a main production with an exit on design productivity on electric capacity of goods 3 MVA in a year. Term of creation of machine-assembling production with necessary sites and warehouse on the existing industrial areas - 1 year. Term of start of production in again constructed factory and enterings in operation of additional technological lines depends on periods of construction of industrial cases and necessary communications.</p> <p>Term of realisation of the project with an exit on a total power under condition of parallel accomplishment of separate works of various stages will constitute 2,5-3 years.</p> <p>The integrated planned schedule of accomplishment of works on development of the innovative project, designing, creation of the enterprise, its deducing on a design capacity is developed on initial etapanax works. The questions connected with realisation of goods, its patenting dare in the course of all term of accomplishment of works.</p>
19	Command of contractors	<p>Number of a command of contractors for carrying out of 1st and 2nd stages of works constitutes 15-50 persons and is determined by the accepted organizational-technical decisions.</p> <p>Number of the personnel for accomplishment of 3rd stage of works is determined in addition.</p>
6. OFFERS TO THE INVESTOR		
20	Necessity for attraction of investments for development end, thousand grivnas	<p>Cost of 1st and 2nd stages of works (without cost of scale civil work) constitutes 8000-20000 thousand €. Also depends on volumes, terms and the accepted organizational-technical decisions.</p> <p>Cost of 3 stages is determined in addition.</p>

21	The offered share / The form of participation of the investor in the project, %	<p>- Cumulative shares of investors in case of realisation of the project in the form of the corporate subject of an entrepreneurial activity, at complete volume of financing from their party, will constitute percent which will be calculated as 100 % a minus a blocking packet of patentees.</p> <p>- An absolute share of investors in case of realisation of the project on the basis of the licence agreement.</p>
22	Vazmozhnye ways of a transfer and cooperation	<p>Creation of the joint (corporate) subject of an entrepreneurial activity with a share part of patentees.</p> <p>Creation of the subject of an entrepreneurial activity which works on the basis of the licence agreement.</p>
23	The exit planned schedule investment from the project / Recoupment of the project, years	<p>1. Accomplishment of 1st i 2nd stages of works (pilot production creation) is performed in a current of 1,5 years and will demand 8-20 million €. The recoupment of these stages of works constitutes 4,8-7,2 years, and depends on goods sale. At production work in two changes and-or from shares of deductions by investments of 10 %, a recoupment of these stages can be reduced in 2-4 times.</p> <p>2. The estimation of a recoupment of 3rd stage of works is conducted in addition, recognising that at an one-replaceable operating mode and 5 % of shares in price structure, the annual sum of deductions will constitute 10,5 million €. At a two-shift operating mode and-or 10 % of shares of deductions, the annual sum of deductions on the investment can increase to 21-42 million €.</p>
24	The Financial and economic analysis of the project	<p>1. The sale price elektrohelioprofil "Photon" is determined the corresponding total price of a solar collector, the solar battery and a roofing material which it displaces (in the given analysis cost of a roofing material not considered).</p> <p>2. Production of 2 main standard sizes elektrohelioprofil "Photon" - E1, by electric capacity of 45 VA, i E2, electric capacity of 90 VA is provided.</p> <p>3. The average price of sale elektrohelioprofil E1 will constitute 3320 €. (At average cost of materials 1640 € and a currency exchange rate of 8,2 € / \$), elektrohelioprofil E2 will constitute 6520 €. (At average cost of materials of 3120 €.).</p> <p>4. Production annual capacity of experimental production will constitute: elektrohelioprofil E1 21300 pieces (total cost of 70,72 million €.), elektrohelioprofil E2 10600 pieces (total cost of 69,11 million €.).</p> <p>5. Average annual cost of made goods pilot production will constitute 70 million €.</p> <p>6. At 5 % in price structure elektrohelioprofil on deduction of cost of investments into pilot production, annual deductions will constitute 3,5 million €.</p> <p>7. Production annual capacity of a main production will constitute: elektrohelioprofil E1 64000 pieces (total cost of 212,48 million €), elektrohelioprofil E2 32000 pieces (total cost of 208,64 million €.).</p> <p>8. Average annual cost of made goods a main production will constitute 210 million €.</p> <p>9. At 5 % in price structure elektrohelioprofil on deduction of cost of investments into a main production, annual deductions will constitute 10,5 million €.</p>

25	Additions	<ul style="list-style-type: none">- A copy of the patent of Ukraine №103003 "Helioprofil", Strashko V. V, Golovchenko V. K, Sobkiv D.I.;- Drawing elektrohelioprofil "Photon";- Profile-substrate photo elektrohelioprofil.
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