The PF “Sustainable Development of Local Communities” has been operating since December 26, 2019.

Mission of the organization: Sustainable development of local communities through the activation of local initiatives in solving problems and improving the socio-economic and infrastructural environment.

**Charity project**

to organize charitable support for the needs of the neonatal department of the Maternity Hospital of the Central District Hospital of the Talgar District of the Almaty Region. This medical institution is one of the key ones in our region (Talgar, Enbekshikazakh, Ili, Karasai districts of the Almaty region), has the 3rd level, and its work is of great importance for the health and well-being of our citizens.

*(Third-level organizations (Perinatal Centers, Regional Hospitals, etc.) are intended for hospitalization of pregnant women, women in labor and postpartum with the risk of perinatal pathology, premature birth at a gestation period of 22-33 weeks + 6 days)*

The neonatal department of the Maternity Hospital specializes in providing medical care to newborns, especially those born with serious health problems. This level of department means that the most complex cases requiring specialized equipment and highly qualified personnel are serviced here.

Currently, the neonatal department is in dire need of purchasing new medical equipment to provide better and more effective care for newborns. In particular, we are talking about the following positions:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Name | Description | Quantity | Price for 1 piece / tenge | Price for 1 piece / dollar | Amount / tenge | Amount/dollar |
| **1** | **Nasal CPAP therapy device Infant Flaw CPAP / Medin CNO nSipap (neonatal – pediatric)** | **The CPAP nasal breathing system for newborns is intended for use and application in maternity wards, intensive care unit, pediatric intensive care unit and during transportation of newborns.** | **5** | **7,150,000** | **15,849.98** | **35 750 000** | **79,249.88** |
| **2** | **Device for therapeutic hypothermia of newborns Teco term**  | **Hypo /hyperthermic device designed to cool and warm newborn patients weighing up to 50 kg using special water mattresses or blankets.** | **1** | **4,210,000** | **9,332.64** | **4 210 000** | **9,332.64** |
| **3** | **Transport incubator with a built-in ventilator with disposable circuits for transporting newborns “Atom”** ( **Transport incubator Atom IncuArch included, manufactured by Atom Medical Corporation, Japan)** | **A transport incubator with a built-in ventilator is designed for transporting premature and sick newborns weighing up to 7 kg and height up to 57 cm in stable temperature conditions, with the possibility of use both inside a medical institution and over long distances by air or road transport with the ability to supply oxygen and measure pulse and saturation in a child.** | **1** | **46,195,922.47** | **102,406.2** | **46,195,922.47** | **102,406.2** |
| **4** | **Ventilator with high-frequency ventilation mode for newborns SLE 5000 included, SLE Limited (UK)** | **It is used in the resuscitation and intensive care departments of medical institutions at various levels and is intended to replace and support the respiratory function of newborns, including those with ELBW, and young children (from 300g. to 20 kg.)** | **1** | **14,300,000** | **31,699.95** | **14 300 000** | **31,699.95** |
| 5 | Equipment for oxygen therapy (oxygen flow meters, gas mixer and humidifier) | Equipment for oxygen therapy (oxygen flow meters - flow meter , mixer and gas humidifier) | 2 | **1,265,000** | **2,804.23** | **2 530 000** | **5,608.45** |
| 6 | Neuro-audio ( Neurosoft ) | "Neuro-Audio-Screen" is intended for testing hearing in people, starting from a very early age, using the methods of otoacoustic emission and auditory evoked potentials, a device with a touch screen for audiological screening of newborns | 1 | **242,000** | **536.46** | **242 000** | **536.46** |
| 7 | Short-latency auditory evoked potentials (SLEPs) | Short-latency auditory evoked potentials (SLEPs) are widely used in clinical practice. CVEPs are the result of electrophysiological activity of the inner hair cells of the cochlea, auditory nerve, and brainstem in response to a sound stimulus. The duration (latency) of CVEP is the shortest of all CDGs - ranging from 10 milliseconds in adults to 20-30 milliseconds in newborns | 1 | **330,000** | **731.54** | **330 000** | **731.54** |
| 8 | Cabinet with laminar air flow for the preparation of sterile solutions or a closed system for the preparation of infusion solutions and parenteral nutrition consumables | Reliable polypropylene cabinets for storing chemically aggressive solutions | 1 | **3,325,000** | **7,370.79** | **3 325 000** | **7,370.79** |
| 9 | Mobile anesthesia unit (trolley) | Table for an anesthesiologist and resuscitator | 2 | **302 500** | **670.58** | **605 000** | **1,341.15** |
| 10 | Open resuscitation tables with radiant heat source T-system for newborns with Falem mixer | For neonatal resuscitation in delivery rooms and neonatal operating rooms | 3 | **1,585,000** | **3,513.6** | **4 755 000** | **10,540.79** |
| eleven | Couvez with double walls and built-in scales "Atom" | The incubator is an excellent solution for intensive care of newborns associated with the care of prematurely born and premature babies. | 5 | **14,465,000** | **32,065.72** | **72 325 000** | **160,328.61** |
| 12 | Pharmaceutical refrigerator | Medical refrigerator for storing vaccines and medicines | 2 | **185,000** | **410.1** | **370 000** | **820.21** |
| 13 | Cardiac monitors with additional options (electrocardiography, capnograph, non-invasive blood pressure measurement and others) with a set of neonatal electrodes, sensors and cuffs for newborns | To monitor patient vital factors | 4 | **955,000** | **2,117.02** | **3 820 000** | **8,468.1** |
| 14 | Hysteroscope (examination kit) GiO-VS-01, mod. 016-03 | Designed for routine procedures for examining the condition and diagnosing intrauterine pathologies under visual control | 1 | **747,000** | **1,655.93** | **747 000** | **1,655.93** |
| 15 | HDF apparatus. Nipro hemodialysis machines Surdial 55 | A device for extracorporeal correction of homeostasis, high efficiency in the use of HDF has been proven in pregnant women with severe gestosis, complicated by acute renal and multiple organ failure. | 1 | **25,200,000** | **55,862.86** | **25 200 000** | **55,862.86** |
| 16 | Plasmaphoresis apparatus | The plasmapheresis device is aimed at reducing the concentration of hormones, lipids, harmful proteins, antibodies, antigens and immune complexes in the plasma. Purification is performed using techniques such as gravity and filtration. Gravity plasmapheresis allows you to obtain blood cells by settling them under the influence of gravity. | 1 | **1,450,000** | **3,214.33** | **1 450 000** | **3,214.33** |
| 17 | Baby bottle sterilizer | Bottle sterilizer | 3 | **33,000** | **73.15** | **99 000** | **219.46** |
| 18 | Chair for Kangaroo Method | It has been proven that the Kangaroo Care or Skin-to-Skin Method:-increases the connection between mother (father) and child-favors thermal control-stimulates breastfeeding, accelerating the time of initiation of feeding, increasing its frequency and duration- helps reduce the incidence of apnea and sudden infant death syndrome in newborns- increases parental confidence | 2 | **1,650,000** | **3,657.69** | **3 300 000** | **7,315.37** |
| 19 | Transformable obstetric bed | A multifunctional transforming bed for childbirth is designed to carry out the necessary examinations and comfortably accommodate a woman throughout all stages of the childbirth process, both in the prenatal and postpartum periods. An obstetric bed is optimally suited for placing a woman in labor in the required position at all stages of pregnancy, during childbirth, and also after it. The thoughtful design allows for quick and smooth repositioning of the bed's components using accessories and devices selected to meet specific requirements at all stages of observation and intervention. The product provides optimal working conditions for medical personnel, and also allows for obstetric non-abdominal operations. | 3 | **5,880,000** | **13,034.67** | **17 640 000** | **39 104** |
| 20 | Electric operating table | Electric operating table SKL-A (A100-4) –multifunctional universal table withelectrohydraulic drive, designed foruse in medical institutions forsafe positioning of the patient when performingwide range of operations: general surgery, obstetricsand gynecology, urology, neurosurgery, traumatology andother surgical branches. The table may beused for ophthalmological and cerebralinterventions | 1 | **3,900,000** | **8,645.44** | **3 900 000** | **8,645.44** |
| 21 | Ultrasound machine Apogee 6500 expert class for ultrasound screening of pregnant women | Ultrasound Diagnostic System SIUI develops ultrasound systems withsince its creation in 1963. Newly releasedApogee 6500 product is the best proofSIUI's constant commitment to ultrasound innovationfor decades. Developing a variety ofexceptional technology, we hope to express ourconstant concern for your real needs. WeWe are confident that Apogee 6500 will offer powerful support inyour daily work. | 1 | **17,800,000** | **39,458.68** | **17 800 000** | **39,458.68** |
| 22 | Anesthesia breathing apparatus AX-700 | Premium inhalation anesthesia device,intended for use in surgicalinterventions in specialized medicalinstitutions. High precision parameter control systembreathing and dosing of anesthetic providessafety for the patient and comfort in work for the doctor -anesthesiologist. Ergonomic design, optimallayout of the system components and intuitivelyclear controls make it as easy as possibleusing the device, allowing you to focus moreattention to the patient's condition. | 2 | **12,800,000** | **28,374.78** | **25 600 000** | **56,749.57** |
| 23 | Fetal monitor C20 | Traditional obstetric care equipment includesfetal monitor, transport monitor for the firstassistance, maternal and fetal monitor andbedside patient monitor that make complexmonitoring. However, COMEN designers made itsimple and created the C20 specialized obstetricmonitor. C20 provides various functionsobstetric care that can satisfy everyonerequirements in obstetrics. | 6 | **3,780,000** | **8,379.43** | **22 680 000** | **50,276.57** |
|  | **TOTAL** |  |  |  | **307,173,922.47** | **680,937.01** |

The purchase of new equipment will improve the quality of medical services provided to our newborn citizens and reduce the infant mortality rate.

We sincerely hope for your understanding and support in this important matter. The charitable assistance you provide can save the lives of many babies and their mothers.