**INDICATIVE LIST OF WORKS AND TIMELINES FOR THEIR EXECUTION**

**ACCORDING TO THE PRE-PROJECT PROPOSAL ON THE VARASH CITY**

**(works by SPS is calculated separately, after providing relevant data)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| № | Name of works | UOM | Number | Execution period |
| 1 | 2 | 3 | 4 | 5 |
| **CL-10кV "ТSS-10/0,4kV"** | | | | |
| **1** | **Excavation of soil into a dump by "dragline" or "backhoe" excavators with a bucket with a capacity of 0.25 m3, soil category 2 /when digging trenches/ (trenches with slopes)** | **m3** | **632,52** | **March 2021 - July 2021** |
| **2** | **Manual finishing, manual cleaning of the bottom and walls with soil disposal in pits and trenches developed by mechanized method** | **m3** | **18,9756** |
| **3** | **Cable bedding with one cable in the trench** | **m** | **1757** |
| **4** | **Cable up to 35 kV, laid in ready-made trenches without covers, with a weight of 1 kg per meter** | **m** | **1757** |
| **5** | **Brick covering of a single cable laid in a trench** | **m** | **1757** |
| **6** | **Backfilling of trenches and pits using bulldozers with a capacity of 59 kW [80 hp] and soil displacement up to 5 m, soil category 1** | **m3** | **388,37** |
| **7** | **Manual backfilling of trenches, voids in excavations, and pits, soil category 1** | **m3** | **11,6511** |
| **8** | **Compaction of soil using pneumatic rammers, soil categories 1 and 2** | **m3** | **388,37** |
| **9** | **Transportation of soil up to 12 km** | **t** | **390,64** |
| **10** | **Installation of pipelines with polyethylene pipes, up to 2 channels** | **km** | **0,926** |
| **11** | **Cable up to 35 kV installed in pipes, blocks, and conduits, with a weight of 1 kg per meter** | **m** | **926** |
| **12** | **Installation of epoxy end sealing for cables with voltage up to 10 kV, and cross-section of one core up to 120 mm2** | **units** | **2** |
| **13** | **Installation of epoxy resin joint for cable with voltage up to 1 kV, cross-section of one conductor up to 120 mm2** | **units** | **11** |
| **14** | **Cable up to 35 kV laid along established structures and trays with fastening at turns and at the end**  **tracks, weight 1 m to 1 kg** | **m** | **20** |
| **15** | **Sealing of passages with a sealing mass when entering cables into explosive premises** | **pass** | **40** |
| **16** | **Installation of pipes by pushing without soil excavation [puncture] for a length of up to 10 m of pipes with a diameter of 100 mm** | **m** | **26** |
| **17** | **Installation of pipes by pushing without soil excavation [puncture] for a length of up to 10 m of pipes with a diameter of 100 mm** | **m** | **32** |
| **18** | **Installation of pipes by pushing without soil excavation [puncture] for a length of up to 10 m of pipes with a diameter of 100 mm** | **m** | **26** |
| **CL-10kV** | | | |  |
| **19** | **Excavation of soil into a dump by "dragline" or "backhoe" excavators with a bucket with a capacity of 0.25 m3, soil category 2 /when digging trenches/ (trenches with slopes)** | **m3** | **610,56** | **March 2021 - July 2021** |
| **20** | **Manual finishing, manual cleaning of the bottom and walls with soil disposal in pits and trenches developed by mechanized method** | **m3** | **18,3168** |
| **21** | **Cable bedding with one cable in the trench** | **m** | **1696** | **March 2021 - July 2021** |
| **22** | **Cable up to 35 kV, laid in ready-made trenches without covers, with a weight of 1 kg per meter** | **m** | **1696** |
| **23** | **Brick covering of a single cable laid in a trench** | **m** | **1696** |
| **24** | **Backfilling of trenches and excavations using bulldozers with a capacity of 59 kW [80 hp] and soil displacement up to 5 m, soil category 1** | **m3** | **379,5** |
| **25** | **Manual backfilling of trenches, voids in excavations, and pits, soil category 1** | **m3** | **11,385** |
| **26** | **Compaction of soil using pneumatic tampers, soil categories 1 and 2** | **m3** | **379,5** |
| **27** | **Transportation of soil up to 12 km** | **t** | **369,696** |
| **28** | **Installation of pipelines with polyethylene pipes, up to 2 channels** | **km** | **1,355** |
| **29** | **Cable up to 35 kV installed in pipes, blocks, and conduits, with a weight of 1 kg per meter** | **m** | **956** |
| **30** | **Installation of epoxy end sealing for cables with voltage up to 10 kV, and cross-section of one core up to 120 mm2** | **units** | **2** |
| **31** | **Installation of epoxy resin joint for cable with voltage up to 1 kV, cross-section of one conductor up to 120 mm2** | **units** | **11** |
| **32** | **Cable up to 35 kV laid along established structures and trays with fastening at turns and at the end**  **tracks, weight 1 m to 1 kg** | **m** | **50** |
| **33** | **Sealing of passages with a sealing mass when entering cables into explosive premises** | **pass** | **114** |
| **34** | **Installation of pipes by pushing without soil excavation [puncture] for a length of up to 10 m of pipes with a diameter of 100 mm** | **m** | **32** |
| **35** | **Installation of pipes by pushing without soil excavation [puncture] for a length of up to 10 m of pipes with a diameter of 100 mm** | **m** | **30** |
| **36** | **Installation of pipes by pushing without soil excavation [puncture] for a length of up to 10 m of pipes with a diameter of 100 mm** | **m** | **78** |
| **Water supply system No. 3.** | | | |  |
| **37** | **Excavation of soil using single-bucket diesel excavators on pneumatic tires with a bucket capacity of 0.25 m3, with loading onto dump trucks, soil category 2 with pit volumes up to 300 m3/** | **m3** | **2505,6** | **March 2021 – July 2021** |
| **38** | **Manual finishing, manual cleaning of the bottom and walls with soil disposal in pits and trenches developed by mechanized method** | **m3** | **75,168** |
| **39** | **Installation of a sand base for pipelines** | **m3** | **167,04** |
| **40** | **Laying of cast iron pressure pipes with bell and spigot joints, with joint sealing by asbestos cement, diameter 250 mm** | **m** | **1422** | **March 2021 - July 2021** |
| **41** | **Backfilling of trenches and pits using bulldozers by "dragline" or "backhoe" excavators with a bucket with a capacity of 0.25 m3, soil category 2** | **m3** | **1990,56** |
| **42** | **Installation of cast-iron gate valves or non-return valves with a diameter of 250 mm** | **units** | **10** |
| **43** | **Installation of cast iron shaped parts with a diameter of 250-450 mm** | **t** | **3,30345** |
| **44** | **Installation of cast-iron gate valves or non-return valves with a diameter of 150 mm** | **units** | **2** |
| **45** | **Installation of cast iron gate valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **46** | **Installation of cast iron gate valves or non-return valves with a diameter of 100 mm** | **units** | **4** | **March 2021 - July 2021** |
| **Water supply system No. 2.** | | | |
| **47** | **Excavation of soil using single-bucket diesel excavators on pneumatic tires with a bucket capacity of 0.25 m3, with loading onto dump trucks, soil category 2 with a pit volume of up to 300 m3/** | **m3** | **475,2** |
| **48** | **Manual finishing, manual cleaning of the bottom and walls with soil disposal in pits and trenches developed by mechanized method** | **m3** | **142,56** |
| **49** | **Installation of a sand base for pipelines** | **m3** | **31,68** |
| **50** | **Laying of cast iron pressure pipes with bell and spigot joints, with joint sealing by asbestos cement, diameter 150 mm** | **m** | **264** |
| **51** | **Backfilling of trenches and pits using bulldozers by "dragline" or "backhoe" excavators with a bucket with a capacity of 0.25 m3, soil category 2** | **m3** | **4680,72** |
| **52** | **Installation of cast-iron gate valves or non-return valves with a diameter of 150 mm** | **units** | **9** |
| **53** | **Installation of cast iron shaped parts with a diameter of 125-200 mm** | **t** | **0,5685** |
| **Water supply system No. 1.** | | | | |
| **54** | **Excavation of soil using single-bucket diesel excavators on pneumatic tires with a bucket capacity of 0.25 m3, with loading onto dump trucks, soil category 2 with a pit volume of up to 300 m3/** | **m3** | **928,8** | **March 2021 - July 2021** |
| **55** | **Manual finishing, manual cleaning of the bottom and walls with soil disposal in pits and trenches developed by mechanized method** | **m3** | **278,64** |
| **56** | **Installation of a sand base for pipelines** | **m3** | **61,92** |
| **57** | **Laying of cast iron pressure pipes with bell and spigot joints, with joint sealing by asbestos cement, diameter 150 mm** | **m** | **546** |
| **58** | **Backfilling of trenches and pits using bulldozers by "dragline" or "backhoe" excavators with a bucket with a capacity of 0.25 m3, soil category 2** | **m3** | **9148,68** |
| **59** | **Installation of pipes by pushing without soil excavation [puncture] for a length of up to 10 m of pipes with a diameter of 300 mm** | **m** | **28** |
| **60** | **Installation of cast-iron gate valves or non-return valves with a diameter of 150 mm** | **units** | **6** |
| **61** | **Installation of cast-iron gate valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **62** | **Installation of cast-iron gate valves or non-return valves with a diameter of 100 mm** | **units** | **2** |
| **63** | **IInstallation of cast iron shaped parts with a diameter of 125-200 mm** | **t** | **0,8973** |
| **Dispatching** | | | |  |
| **64** | **Installation of dispatch communication receiving and transmitting equipment set** | **set** | **1** | **March 2021 - July 2021** |
| **Automation of the Emergency Situations** | | | |  |
| **65** | **Control panel or distribution point [cabinet] that is installed on the wall** | **units** | **2** | **May 2021-**  **July 2021** |
| **66** | **A switch installed on consoles and panels (Dispatching module TPS-MDO-IDM2)** | **units** | **1** |
| **67** | **Instruments that are installed on structures or panels, weighing up to 10 kg** | **units** | **10** |
| **68** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **120** |
| **69** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to mm2 into the pipes** | **m** | **120** |
| **70** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **240** |
| **71** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg.** | **m** | **190** |
| **72** | **Installation of counters [water meters]** | **units** | **2** |
| **73** | **Instruments mounted on a process pipeline, with a pipe diameter up to 100 mm (pressure gauge)** | **units** | **1** |
| **Technological part** | | | |  |
| **74** | **(Dismantlement) Dismantling the pump unit** | **units** | **3** | **March 2021-May 2021** |
| **75** | **(Dismantlement) Installation of cast-iron gate valves or non-return valves with a diameter of 300 mm** | **units** | **1** |
| **76** | **(Dismantlement) Installation of cast-iron gate valves or non-return valves with a diameter of 200 mm** | **units** | **9** |
| **77** | **(Dismantlement) Installation of cast-iron gate valves or non-return valves with a diameter of 150 mm** | **units** | **8** |
| **78** | **(Dismantlement) Installation of cast iron shaped parts with a diameter of 125-200 mm (taps, plug)** | **t** | **0,16981** |
| **79** | **(Dismantlement) Installation of pressure gauges with a three-way valve** | **set** | **5** |
| **80** | **(Dismantlement) Welding of flanges to steel pipelines with a diameter of 150 mm** | **units** | **12** |
| **81** | **(Dismantlement) Welding of flanges to steel pipelines with a diameter of 200 mm** | **units** | **21** |
| **82** | **(Dismantlement) Welding of flanges to steel pipelines with a diameter of 300 mm** | **units** | **2** |
| **83** | **(Dismantlement) Installation of steel water pipes with hydraulic testing, pipe diameter of 150 mm** | **m** | **5** |
| **84** | **(Dismantlement) Installation of steel water pipes with hydraulic testing, pipe diameter of 200 mm** | **m** | **3** |
| **Installation works** | | | |  |
| **85** | **Installation of the pump unit 66SV4G220T** | **units** | **1** | **March 2021-May 2021** |
| **86** | **Installation of the pump unit MPR100B/02C** | **units** | **2** |
| **87** | **Steel flanged valves, gates, and check valves, including spring-loaded single and double-lever lift check valves for a nominal pressure of up to 2.5 MPa [25 kgf/cm2] and a nominal passage diameter of 300 mm** | **units** | **1** |
| **88** | **Steel flanged valves, gates, and check valves, including spring-loaded single and double-lever lift check valves for a nominal pressure of up to 2.5 MPa [25 kgf/cm2] and a nominal passage diameter of 65-100 mm** | **units** | **6** |
| **89** | **Steel flanged valves, gates, and check valves, including spring-loaded single and double-lever lift check valves for a nominal pressure of up to 2.5 MPa [25 kgf/cm2] and a nominal passage diameter of 125-150 mm** | **units** | **4** |
| **90** | **Steel flanged valves, gates, and check valves, including spring-loaded single and double-lever lift check valves for a nominal pressure of up to 2.5 MPa [25 kgf/cm2] and a nominal passage diameter of 200 mm** | **units** | **7** |
| **91** | **Steel flanged valves, gates, and check valves, including spring-loaded single and double-lever lift check valves for a nominal pressure of up to 2.5 MPa [25 kgf/cm2] and a nominal passage diameter of 65-100 mm** | **units** | **1** |
| **92** | **Installation of steel water pipes with hydraulic testing, pipe diameter of 100 mm** | **m** | **1,5** |
| **93** | **Installation of steel water pipes with hydraulic testing, pipe diameter of 150 mm** | **m** | **5** |
| **94** | **Installation of steel welded shaped parts with a diameter of 100-250 mm** | **t** | **0,32082** |
| **95** | **Installation of pressure gauges with a three-way valve** | **set** | **5** |
| **Commissioning** | | | |  |
| **96** | **Element, switching module, input-output of pulse signals** | **units** | **13** | **May 2021 –**  **June 2021** |
| **97** | **Electric machines for electric drives. Asynchronous motor with a squirrel-cage rotor, voltage up to 1 kV** | **units** | **3** |
| **98** | **Non-reversible static thyristor converter with a current rating of up to 100 A** | **units** | **13** |
| **99** | **Automatic control and regulation system components. Analog contactless sensor with up to 10 “input-output” channels.** | **units** | **49** |
| **Well No. 1 - Dismantling works** | | | |  |
| **100** | **Dismantling of steel water pipes with hydraulic testing, pipe diameter of 100 mm** | **m** | **4** | **March 2021 -April 2021** |
| **101** | **Dismantling of submersible pump** | **units** | **1** |
| **102** | **Dismantling of cast iron check valves and non-return valves with a diameter of 200 mm** | **units** | **2** |
| **Water supply system (Water pipe)** | | | |  |
| **103** | **Installation of an artesian pump with a submersible electric motor, model Z631 05-40S** | **units** | **1** | **March 2021**  **-June 2021** |
| **104** | **Installation of water supply pipelines from steel water-gas-propelled galvanized pipes with a diameter of 80 mm** | **m** | **4** |
| **105** | **Installation of steel welded shaped parts with a diameter of 100-250 mm** | **t** | **0,0264** |
| **106** | **Welding flanges for steel pipes with a diameter of 80 mm** | **units** | **5** |
| **107** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 15 mm.** | **m** | **0,2** |
| **108** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 50 mm.** | **m** | **2,3** |
| **109** | **Welding flanges to steel pipelines with a diameter of 50 mm** | **units** | **2** |
| **110** | **Installation of counters [water meters] with a diameter up to 80 mm** | **units** | **1** |
| **111** | **Instruments mounted on the process pipeline, pipeline diameter up to 100 mm (manometer)** | **units** | **1** |
| **112** | **Installation of inline valves on steel pipelines with a diameter of up to 25 mm** | **units** | **1** |
| **113** | **Installation of steel valves or non-return valves with a diameter of 80 mm** | **units** | **2** |
| **114** | **Installation of steel valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **115** | **Earnings of sealing rings during the passage of pipes through foundations or basement walls, with a pipe diameter of up to 100 mm** | **seal** | **1** |
| **116** | **Supports for pipelines, stands** | **t** | **0,0085** |
| **Automation** | | | |
| **117** | **Control panel or distribution point (cabinet) installed on the wall** | **units** | **1** |
| **118** | **Switch installed on control panels and panels (TPS-MDO-IDM1 Dispatch Module)** | **units** | **1** |
| **119** | **Instruments installed on structures or shields, with a weight of up to 10 kg** | **units** | **6** |
|  | **Cable** |  |  |
| **120** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **40** |
| **121** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to 6 mm2 into the pipes** | **m** | **70** |
| **122** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **210** |
| **123** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg** | **m** | **204** |
| **124** | **Installation of coupling valves on water intake structures** | **units** | **2** |  |
| **Well No. 2 - Dismantling works** | | | |  |
| **125** | **Dismantling of steel water pipes with hydraulic testing, pipe diameter of 100 mm** | **m** | **4** | **March –**  **April 2021** |
| **126** | **Dismantling of submersible pump** | **units** | **1** |
| **127** | **Dismantling of cast iron check valves and non-return valves with a diameter of 200 mm** | **units** | **2** |
| **Water supply system (Water pipe)** | | | |  |
| **128** | **Installation of an artesian pump with a submersible electric motor, model Z646 09-L6W** | **units** | **1** | **April-May 2021** |
| **129** | **Installation of water supply pipelines from steel water-gas-propelled galvanized pipes with a diameter of 80 mm** | **m** | **4** |
| **130** | **Installation of steel welded shaped parts with a diameter of 100-250 mm** | **t** | **0,03708** |
| **131** | **Welding flanges for steel pipes with a diameter of 80 mm** | **units** | **4** |
| **132** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 15 mm** | **m** | **0,2** |
| **133** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 50 mm** | **m** | **11** |
| **134** | **Welding flanges for steel pipes with a diameter of 50 mm** | **units** | **2** |
| **135** | **Installation of counters [water meters] with a diameter up to 80 mm** | **units** | **1** |
| **136** | **Instruments mounted on the process pipeline, pipeline diameter up to 100 mm (manometer)** | **units** | **1** |
| **137** | **Installation of inline valves on steel pipelines with a diameter of up to 25 mm** | **units** | **1** |
| **138** | **Installation of steel valves or non-return valves with a diameter of 80 mm** | **units** | **2** |
| **139** | **Installation of steel valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **140** | **Earnings of sealing rings during the passage of pipes through foundations or basement walls, with a pipe diameter of up to 100 mm** | **seal** | **1** |
| **141** | **Supports for pipelines, stands** | **t** | **0,0085** |
| **Automation** | | | |  |
| **142** | **Control panel or distribution point (cabinet) installed on the wall** | **units** | **1** | **May 2021** |
| **143** | **Switch installed on control panels and panels (TPS-MDO-IDM1 Dispatch Module)** | **units** | **1** |
| **144** | **Instruments installed on structures or shields, with a weight of up to 10 kg** | **units** | **6** |
| **Cable** | | | |  |
| **145** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **40** | **May 2021** |
| **146** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to 6 mm2 into the pipes** | **m** | **85** |
| **147** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **255** |
| **148** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg** | **m** | **234** |
| **149** | **Installation of coupling valves on water intake structures** | **units** | **2** |
| **Well No. 3 - Dismantling works** | | | |  |
| **150** | **Dismantling of steel water pipes with hydraulic testing, pipe diameter of 100 mm** | **m** | **4** | **March 2021** |
| **151** | **Dismantling of submersible pump** | **units** | **1** |
| **152** | **Dismantling of cast iron check valves and non-return valves with a diameter of 200mm** | **units** | **2** |
| **Water supply system (Water pipe)** | | | |  |
| **153** | **Installation of an artesian pump with a submersible electric motor, model 16GS55RT-40S** | **units** | **1** | **March-May 2021** |
| **154** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 65 mm** | **m** | **4** |
| **155** | **Installation of steel welded shaped parts with a diameter of 100-250 mm** | **t** | **0,02535** |
| **156** | **Welding flanges for steel pipes with a diameter of 65 mm** | **units** | **5** |
| **157** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 15 mm** | **m** | **0,2** |
| **158** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 50 mm** | **m** | **1,1** |
| **159** | **Welding flanges for steel pipes with a diameter of 50 mm** | **units** | **2** |
| **160** | **Installation of counters [water meters] with a diameter up to 65 mm** | **units** | **1** |
| **161** | **Instruments mounted on the process pipeline, pipeline diameter up to 100 mm (manometer)** | **units** | **1** |
| **162** | **Installation of inline valves on steel pipelines with a diameter of up to 25 mm** | **units** | **1** |
| **163** | **Installation of steel valves or non-return valves with a diameter of 80 mm** | **units** | **2** |
| **164** | **Installation of steel valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **165** | **Earnings of sealing rings during the passage of pipes through foundations or basement walls, with a pipe diameter of up to 100 mm** | **seal** | **1** | **March-May 2021** |
| **166** | **Supports for pipelines, stands** | **t** | **0,0085** |
| **Automation** | | | |  |
| **167** | **Control panel or distribution point (cabinet) installed on the wall** | **units** | **1** | **May 2021** |
| **168** | **Switch installed on control panels and panels (TPS-MDO-IDM1 Dispatch Module)** | **units** | **1** |
| **169** | **Instruments installed on structures or shields, with a weight of up to 10 kg** | **units** | **6** |
| **Cable** | | | |  |
| **170** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **40** | **May 2021** |
| **171** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to 6 mm2 into the pipes** | **m** | **65** |
| **172** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **195** |
| **173** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg** | **m** | **194** |
| **174** | **Installation of coupling valves on water intake structures** | **units** | **2** |
| **Well No. 4 - Dismantling works** | | | |  |
| **175** | **Dismantling of steel water pipes with hydraulic testing, pipe diameter of 100 mm** | **m** | **4** | **March - April 2021** |
| **176** | **Dismantling of submersible pump** | **units** | **1** |
| **177** | **Dismantling of cast iron check valves and non-return valves with a diameter of 200mm** | **units** | **2** |
| **Water supply system (Water pipe)** | | | |  |
| **178** | **Installation of an artesian pump with a submersible electric motor, model Z631-06-40S** | **units** | **1** | **March-May 2021** |
| **179** | **Laying water supply pipelines using galvanized steel pipes with a diameter of80 mm** | **m** | **4** |
| **180** | **Installation of steel welded shaped parts with a diameter of 100-250 mm** | **t** | **0,0264** |
| **181** | **Welding flanges for steel pipes with a diameter of80 mm** | **units** | **5** |
| **182** | **Laying water supply pipelines using galvanized steel pipes with a diameter of15 mm** | **m** | **0,2** |
| **183** | **Laying water supply pipelines using galvanized steel pipes with a diameter of50 mm** | **m** | **2** |
| **184** | **Welding flanges for steel pipes with a diameter of 50 mm** | **units** | **2** | **March-May 2021** |
| **185** | **Installation of counters [water meters] with a diameter up to 80 mm** | **units** | **1** |
| **186** | **Instruments mounted on the process pipeline, pipeline diameter up to 100 mm (manometer)** | **units** | **1** |
| **187** | **Installation of inline valves on steel pipelines with a diameter of up to 25 mm** | **units** | **1** |
| **188** | **Installation of steel valves or non-return valves with a diameter of 80 mm** | **units** | **2** |
| **189** | **Installation of steel valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **190** | **Sealing of glands when pipes pass through foundations or basement walls, pipe diameter up to 100 mm** | **seal** | **1** |
| **191** | **Supports for pipelines, stands** | **t** | **0,0085** |
| **Automation** | | | |  |
| **192** | **Control panel or distribution point (cabinet) installed on the wall** | **units** | **1** | **May - June 2021** |
| **193** | **Switch installed on control panels and panels (TPS-MDO-IDM1 Dispatch Module)** | **units** | **1** |
| **194** | **Instruments installed on structures or shields, with a weight of up to 10 kg** | **units** | **6** |
| **Cable** | | | |
| **195** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **40** |
| **196** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to 6 mm2 into the pipes** | **m** | **70** |
| **197** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **210** |
| **198** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg** | **m** | **204** |
| **199** | **Installation of coupling valves on water intake structures** | **units** | **2** |
| **Well No. 5 - Dismantling works** | | | |  |
| **200** | **Dismantling of steel water pipes with hydraulic testing, pipe diameter of 100 mm** | **m** | **4** | **March - May 2021** |
| **201** | **Dismantling of submersible pump** | **units** | **1** |
| **202** | **Dismantling of cast iron check valves and non-return valves with a diameter of 200 mm** | **units** | **2** |
|  | **Water supply system (Water pipe)** |  |  |
| **203** | **Installation of an artesian pump with a submersible electric motor, model Z631 06-40S** | **units** | **1** |
| **204** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 80 mm** | **m** | **4** | **March - May 2021** |
| **205** | **Installation of steel welded shaped parts with a diameter of 100-250 mm** | **t** | **0,0264** |
| **206** | **Welding flanges for steel pipes with a diameter of 80 mm** | **units** | **5** |
| **207** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 15 mm** | **m** | **0,2** |
| **208** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 50 mm** | **m** | **1,3** |
| **209** | **Welding flanges for steel pipes with a diameter of50 mm** | **units** | **2** |
| **210** | **Installation of counters [water meters] with a diameter up to 80 mm** | **units** | **1** |
| **211** | **Instruments mounted on the process pipeline, pipeline diameter up to 100 mm (manometer)** | **units** | **1** |
| **212** | **Installation of inline valves on steel pipelines with a diameter of up to 25 mm** | **units** | **1** |
| **213** | **Installation of steel valves or non-return valves with a diameter of 80 mm** | **units** | **2** |
| **214** | **Installation of steel valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **215** | **Earnings of sealing rings during the passage of pipes through foundations or basement walls, with a pipe diameter of up to 100 mm** | **seal** | **1** |
| **216** | **Supports for pipelines, stands** | **t** | **0,0085** |
| **Automation** | | | |  |
| **217** | **Control panel or distribution point (cabinet) installed on the wall** | **units** | **1** | **May 2021** |
| **218** | **Switch installed on control panels and panels (TPS-MDO-IDM1 Dispatch Module)** | **units** | **1** |
| **219** | **Instruments installed on structures or shields, with a weight of up to 10 kg** | **units** | **6** |
| **Cable** | |  |  |  |
| **220** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **40** | **May 2021** |
| **221** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to 6 mm2 into the pipes** | **m** | **40** |
| **222** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **180** |
| **223** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg** | **m** | **174** |
| **224** | **Installation of coupling valves on water intake structures** | **units** | **2** |
|  | **Well No. 6 - Dismantling works** |  |  |  |
| **225** | **Dismantling of steel water pipes with hydraulic testing, pipe diameter 100 mm** | **m** | **4** | **March - April 2021** |
| **226** | **Dismantling of submersible pump** | **units** | **1** |
| **227** | **Dismantling cast-iron gate valves and non-return valves with a diameter of 200 mm** | **units** | **2** |
|  | **Water supply system (Water pipe)** |  |  |  |
| **228** | **Installation of an artesian pump with a submersible electric motor, model Z631 07-L6W** | **units** | **1** | **April-June 2021** |
| **229** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 80 mm** | **m** | **4** |
| **230** | **Installation of steel welded fittings with a diameter of 100-250 mm** | **t** | **0,0264** |
| **231** | **Welding flanges to steel pipelines with a diameter of 80 mm** | **units** | **5** |
| **232** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 15 mm** | **m** | **0,2** |
| **233** | **Laying water supply pipelines using galvanized steel pipes with a diameter of 50 mm** | **m** | **1,4** |
| **234** | **Welding flanges for steel pipes with a diameter of50 mm** | **units** | **2** |
| **235** | **Installation of counters [water meters] with a diameter up to 80 mm** | **units** | **1** |
| **236** | **Instruments mounted on the process pipeline, pipeline diameter up to 100 mm (manometer)** | **units** | **1** |
| **237** | **Installation of inline valves on steel pipelines with a diameter of up to 25 mm** | **units** | **1** |
| **238** | **Installation of steel valves or non-return valves with a diameter of 80 mm** | **units** | **2** |
| **239** | **Installation of steel valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **240** | **Earnings of sealing rings during the passage of pipes through foundations or basement walls, with a pipe diameter of up to 100 mm** | **seal** | **1** |
| **241** | **Supports for pipelines, stands** | **t** | **0,0085** |
|  | **Automation** |  |  |  |
| **242** | **Control panel or distribution point (cabinet) installed on the wall** | **units** | **1** | **June 2021** |
| **243** | **A switch installed on consoles and panels (Dispatching module TPS-MDO-IDM1)** | **units** | **1** |
| **244** | **Instruments installed on structures or shields, with a weight of up to 10 kg** | **units** | **6** |
|  | **Cable** |  |  |  |
| **245** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **40** | **June 2021** |
| **246** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to 6 mm2 into the pipes** | **m** | **40** |
| **247** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **260** |
| **248** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg** | **m** | **214** |
| **249** | **Installation of coupling valves on water intake structures** | **units** | **2** |
|  | **Well No. 7 - Dismantling works** |  |  |  |
| **250** | **Dismantling of steel water pipes with hydraulic testing, pipe diameter of 100 mm** | **m** | **4** | **March - April 2021** |
| **251** | **Dismantling of submersible pump** | **units** | **1** |
| **252** | **Dismantling of cast iron check valves and non-return valves with a diameter of 200 mm** | **units** | **2** |
|  | **Water supply system (Water pipe)** |  |  |  |
| **253** | **Installation of an artesian pump with a submersible electric motor, model Z622 06-40S** | **units** | **1** | **April-May 2021** |
| **254** | **Laying water supply pipelines using galvanized steel pipes with a diameter of65 mm** | **m** | **4** |
| **255** | **Installation of steel welded shaped parts with a diameter of 100-250 mm** | **t** | **0,03355** |
| **256** | **Welding flanges for steel pipes with a diameter of 65 mm** | **units** | **7** |
| **257** | **Laying water supply pipelines using galvanized steel pipes with a diameter of15 mm** | **m** | **0,2** |
| **258** | **Laying water supply pipelines using galvanized steel pipes with a diameter of50 mm** | **m** | **1** |
| **259** | **Welding flanges for steel pipes with a diameter of 50 mm** | **units** | **2** |
| **260** | **Installation of counters [water meters] with a diameter up to 65 mm** | **units** | **1** |
| **261** | **Instruments mounted on the process pipeline, pipeline diameter up to 100 mm (manometer)** | **units** | **1** |
| **262** | **Installation of inline valves on steel pipelines with a diameter of up to 25 mm** | **units** | **1** |
| **263** | **Installation of steel valves or non-return valves with a diameter of 65 mm** | **units** | **2** |
| **264** | **Installation of steel valves or non-return valves with a diameter of 50 mm** | **units** | **1** |
| **265** | **Earnings of sealing rings during the passage of pipes through foundations or basement walls, with a pipe diameter of up to 100 mm** | **seal** | **1** | **April-May 2021** |
| **266** | **Supports for pipelines, stands** | **t** | **0,0085** |
|  | **Automation** |  |  |  |
| **267** | **Control panel or distribution point (cabinet) installed on the wall** | **units** | **1** | **May 2021** |
| **268** | **Switch installed on control panels and panels (TPS-MDO-IDM1 Dispatch Module)** | **units** | **1** |
| **269** | **Instruments installed on structures or shields, with a weight of up to 10 kg** | **units** | **6** |
|  | **Cable** |  |  |  |
| **270** | **Corrugated pipes installation for electrical wiring with a diameter of up to 25 mm** | **m** | **40** | **May-June 2021** |
| **271** | **Pulling the first sincerely with a cross-section of more than 2.5 mm2 up to 6 mm2 into the pipes** | **m** | **40** |
| **272** | **Pulling the nails straight with a cross-section of up to 2.5 mm2 into the pipes** | **m** | **260** |
| **273** | **Installation of cable up to 35 kV with surface mounting brackets, weight of 1 meter of cable up to 0.5 kg** | **m** | **214** |
| **274** | **Installation of coupling valves on water intake structures** | **units** | **2** |