***Załącznik nr 1 do SIWZ***

***IZP.270.92.2020***

**Szczegółowy opis przedmiotu zamówienia**

**na: Dostawę elementów mechanicznych i materiałów konstrukcyjnych mechanicznych oraz materiałów konstrukcyjnych do Narodowego Centrum Badań Jądrowych w Otwocku-Świerku**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Nr części** | **Poz. z wniosku** | | | | | | **Opis przedmiotu zamówienia** | | | | | | | | **J. m.** | | | | **Ilość** | | | | | **Zamiennik** | | | | | | | **Cena jedn.**  **netto (PLN)** | | | **Wartość netto**  **(PLN)** | | | | | | | **Wartość brutto**  **(PLN)** | |
| Wniosek nr 171 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | |
| 1 MECHANICZNA – BLACHA STAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | |
|  | 1 | | | | | | Blacha St3 #4 1500x3000 | | | | | | | | kg | | | | 160 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 2 | | | | | | Blacha St3 #3 1500x1500 | | | | | | | | kg | | | | 60 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 3 | | | | | | Blacha St3 #2 1500x3000 szt. 2 | | | | | | | | kg | | | | 160 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 4 | | | | | | Blacha St3 #35x1000x2000 | | | | | | | | kg | | | | 550 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 5 | | | | | | Blacha ST3 #15x1000x2000 | | | | | | | | kg | | | | 236 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 6 | | | | | | Blacha St3 #4x1000x2000 | | | | | | | | kg | | | | 63 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 7 | | | | | | Blacha St3 #20x1000x2000 | | | | | | | | kg | | | | 315 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 8 | | | | | | Blacha St3 #30x1000x2000 | | | | | | | | kg | | | | 472 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
| 2 MECHANICZNA – BLACHA INNE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1 | | | | | | Blacha M058 #15 500x500 | | | | | | | | kg | | | | 34 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 2 | | | | | | Blacha 1H18N9 #2 1000x2000 szt. 2 | | | | | | | | kg | | | | 71 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 3 | | | | | | Blacha perforowana fi2 RV2-3,5 1H18N9 #1x1000x1000 | | | | | | | | szt | | | | 1 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 4 | | | | | | Blacha 0H18N9T #3 1000x2000 | | | | | | | | kg | | | | 6 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 5 | | | | | | Blacha 1H18N9T #12 1000x1000 | | | | | | | | kg | | | | 95 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 6 | | | | | | Blacha 1H18N9T #15 500x500 | | | | | | | | kg | | | | 30 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 7 | | | | | | Blacha 1H18N9T #4 1000x2000 | | | | | | | | kg | | | | 16 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 8 | | | | | | Blacha 1H18N9T #5 1000x2000 | | | | | | | | kg | | | | 10 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 9 | | | | | | Blacha 1H18N9T #3 1000x2000 | | | | | | | | kg | | | | 6 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 10 | | | | | | Blacha PA4 #5 1000x2000 | | | | | | | | kg | | | | 7 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 11 | | | | | | Blacha PA6 #3 1000x2000 | | | | | | | | kg | | | | 2 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
|  | 12 | | | | | | Blacha 1H18N9T #0,5x1000x2000 | | | | | | | | kg | | | | 8 | | | | | dowolny | | | | | | |  | | |  | | | | | | |  | |
| 3 MECHANICZNA – PROFIL STAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1 | | | | | | | Profil St3S 25x15x2 | | | | | | | mb | | | | | 12 | | | dowolny | | | | | | | |  | | |  | | | | | |  | | | | |
|  | 2 | | | | | | | Rura St3 Ø273x12,5x800 | | | | | | | szt | | | | | 1 | | | dowolny | | | | | | | |  | | |  | | | | | |  | | | | |
|  | 3 | | | | | | | Pręt St3 fi40x1000 | | | | | | | kg | | | | | 10 | | | dowolny | | | | | | | |  | | |  | | | | | |  | | | | |
| 4 MECHANICZNA – PROFIL INNE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1 | | | | | 6-kąt MO58 22x1000 | | | | kg | | | | | | | 3,3 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 2 | | | | | 6-kąt MO58 24x3000 | | | | kg | | | | | | | 13 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 3 | | | | | 6-kąt MO58 30x3000 | | | | kg | | | | | | | 20 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 4 | | | | | Pręt MO58 fi70x1000 | | | | kg | | | | | | | 33 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 5 | | | | | 6-kąt MO58 6x300 | | | | kg | | | | | | | 0,5 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 6 | | | | | Pręt 1H18N9T fi50 x 500 | | | | kg | | | | | | | 8 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 7 | | | | | Pręt 1H18N9T fi75 x 500 | | | | kg | | | | | | | 17,5 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 8 | | | | | Rura M1 fi28x1 x 1500 | | | | kg | | | | | | | 1,5 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 9 | | | | | Pręt PA38 fi10 x 1500 | | | | kg | | | | | | | 0,5 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 10 | | | | | Rurka M1 fi8x1x50mb (w krążku) | | | | mb | | | | | | | 50 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
|  | 11 | | | | | Rura PA4 fi 127x2x750 | | | | kg | | | | | | | 2 | | | | | | dowolna | | | | | | | |  | | |  | | | | |  | | | | | |
| 5 MECHANICZNA - HYDRAULIKA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1 | | | | | Mufka 1" mosiężna | | | | | | szt | | | | | 12 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 2 | | | | | Zawór kulowy G 1 1/4" | | | | | | szt | | | | | 4 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 3 | | | | | Zawór mini G 1/2" | | | | | | szt | | | | | 6 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 4 | | | | | Nypel G 1/2" na G 3/4" mosiężny | | | | | | szt | | | | | 5 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 5 | | | | | Redukcja nakrętno wkrętna G 1" na G 1 1/4" mosiądz | | | | | | szt | | | | | 5 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 6 | | | | | Dwuzłączka G 1" mosiądz | | | | | | szt | | | | | 2 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 7 | | | | | Reduktor D06F G1" | | | | | | szt | | | | | 2 | | | | | | Honeywell | | | | | | | |  | | |  | | | |  | | | | |
|  | 8 | | | | | Manometr 1-10 bar (do reduktora D06F) | | | | | | szt | | | | | 2 | | | | | | Honeywell | | | | | | | |  | | |  | | | |  | | | | |
|  | 9 | | | | | Złączka do podłączenia wodomierza PN10 1" mosiądz | | | | | | szt | | | | | 4 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 10 | | | | | Kolano 90 st. 1" mosiądz | | | | | | szt | | | | | 4 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 11 | | | | | Obejma z izolacją dźwiękową 3/4" (26-30) | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 12 | | | | | Obejma z izolacją dźwiękową 5/4" | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 13 | | | | | Nypel 5/4" mosiądz | | | | | | szt | | | | | 4 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 14 | | | | | Redukcja G 1" na G 1/2" mosiądz | | | | | | szt | | | | | 6 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 15 | | | | | Pasta uszczelniająca do gwintów 500ml Gebatout | | | | | | szt | | | | | 2 | | | | | | Gabatout | | | | | | | |  | | |  | | | |  | | | | |
|  | 16 | | | | | Membranowy zawór bezpieczeństwa 8 bar DUCO 1" Afriso nr 80020 | | | | | | szt | | | | | 2 | | | | | | Afriso | | | | | | | |  | | |  | | | |  | | | | |
|  | 17 | | | | | Nypel G 1" mosiądz | | | | | | szt | | | | | 22 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 18 | | | | | Nypel do płaskiego uszczelnienia 1" mosiądz | | | | | | szt | | | | | 40 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 19 | | | | | Nypel redukcyjny G1 1/4" - R1 1/4" mosiądz | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 20 | | | | | Redukcja 1" na 3/4" mosiądz | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | Trójnik 1" mosiądz | | | | | | szt | | | | | 20 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 21 | | | | | Kolanko nyplowe 5/4'' mosiądz | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 22 | | | | | Korek 1/2" mosiądz | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 23 | | | | | Zawór kulowy z motylkiem nakrętno-wkrętny 1/2" | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 24 | | | | | Kolanko G 1/2" mosiądz | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 25 | | | | | Korek G 3/4" mosiądz | | | | | | szt | | | | | 5 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 26 | | | | | Zawór kulowy z motylkiem G 1" | | | | | | szt | | | | | 4 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 27 | | | | | Nakrętka rury karbowanej DN 25 | | | | | | szt. | | | | | 20 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 28 | | | | | Nakrętka rury karbowanej DN 20 | | | | | | szt. | | | | | 20 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 29 | | | | | Rura karbowana inox1/2'' | | | | | | mb | | | | | 5 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 30 | | | | | Rura karbowana inox 5/4'' | | | | | | mb | | | | | 5 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 31 | | | | | Rura karbowana inox 1'' | | | | | | mb | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 32 | | | | | Nypel do płaskiego uszczelnienia G 1/2" mosiądz | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 33 | | | | | Nakrętka rury karbowanej DN 12 | | | | | | szt. | | | | | 40 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 34 | | | | | Nypel G 1/2" mosiądz | | | | | | szt | | | | | 10 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
| 1. \*) | 35 | | | | | Pompa wody CM5-11 A-R-G-E\_AQQE Grundfos nr 96935476 | | | | | | szt | | | | | 2 | | | | | | Grundfos | | | | | | | | min. 12 m-cy | | |  | | | |  | | | | |
|  | 36 | | | | | Filtr narurowy FP 20" z przyłączem G1/2" | | | | | | szt | | | | | 2 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
| 1. \*) | 37 | | | | | Wymiennik Promag PGM-1c-50.1 | | | | | | szt | | | | | 2 | | | | | | Promag | | | | | | | |  | | |  | | | |  | | | | |
|  | 38 | | | | | Nyplowy czujnik przepływu 1 cal typ: FNG15 Primadom | | | | | | szt | | | | | 4 | | | | | | Primadom | | | | | | | |  | | |  | | | |  | | | | |
|  | 39 | | | | | Nyplowy czujnik przepływu 3/4" Primadom | | | | | | szt | | | | | 4 | | | | | | Primadom | | | | | | | |  | | |  | | | |  | | | | |
| 1. \*) | 40 | | | | | Zawór typ :VSO 84 DN 1" 230 VAC Medyński | | | | | | szt | | | | | 4 | | | | | | Medyński | | | | | | | |  | | |  | | | |  | | | | |
| 1. \*) | 41 | | | | | Regulator stałotemperaturowy typ: ACT 343 Afriso | | | | | | szt | | | | | 2 | | | | | | Afriso | | | | | | | |  | | |  | | | |  | | | | |
| 1. \*) | 42 | | | | | 3-drogowy obrotowy zawór mieszający ARV 384 ProClick, DN25, Rp1", Kvs 10 | | | | | | szt | | | | | 2 | | | | | | Afriso | | | | | | | |  | | |  | | | |  | | | | |
| 1. \*) | 43 | | | | | Grzałka typ: ER250 1,5kW Nuga | | | | | | szt | | | | | 4 | | | | | | Nuga | | | | | | | |  | | |  | | | |  | | | | |
| 1. \*) | 44 | | | | | Wąż elastyczny w oplocie Inox 1”  0,35 mb | | | | | | szt | | | | | 2 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 45 | | | | | Wąż elastyczny w oplocie Inox 5/4” 0,5 mb | | | | | | szt | | | | | 2 | | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
| 6 MECHANICZNA - INNE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1 | | | | | Preparat do wykrywania nieszczelności Würth Nr Kat: 089020 | | | | | szt | | | | | | 2 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 2 | | | | | Uszczelniacz LOCTITE 542 50ml | | | | | szt | | | | | | 1 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 3 | | | | | Uszczelniacz Loctite 586 50ml | | | | | szt | | | | | | 2 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 4 | | | | | Pakuły konopie 500g | | | | | szt | | | | | | 2 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 5 | | | | | Profil Profil aluminiowy 20x40 [5] ARMA nr AR3702 | | | | | mb | | | | | | 6 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 6 | | | | | Profil aluminiowy 20x20 [5] ARMA nr AR3701 | | | | | mb | | | | | | 6 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 7 | | | | | Wpust rowkowy z kulką do profili 20x20 ARMA nr AR3377 | | | | | szt | | | | | | 110 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 8 | | | | | Zawias wspornikowy ze stali nierdzewnej 45mm nr 468484 | | | | | szt | | | | | | 4 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 9 | | | | | Zamek dźwigniowy dociskowy 21x21,5 nr 496215 | | | | | szt | | | | | | 2 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 10 | | | | | Żywica jonowymienna Lewatit NM60 | | | | | szt | | | | | | 1 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 11 | | | | | Kauczuk #4x1000x1000 | | | | | kg | | | | | | 5 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 12 | | | | | Folia samoprzylepna srebrna #0,2 300x300 | | | | | szt | | | | | | 1 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 13 | | | | | Płyta poliwęglan przeźroczysty #2 1000x1000 | | | | | kg | | | | | | 2 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
| 1. \*) | 14 | | | | | NOVASTAR SL19¨20U 553W800D 7021 Szafa Novastar , do 200kg, zmontowana, zgodnie z załączoną specyfikacją – **załącznik nr 1A do SIWZ** | | | | | szt | | | | | | 2 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 15 | | | | | Drut nawojowy spłaszczony DN 10x2,24-700mb | | | | | kg | | | | | | 140 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 16 | | | | | Drut nawojowy DN2E180 Ø0,8-2800mb | | | | | kg | | | | | | 16 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 17 | | | | | Epoxy resin Castropox 1233 + Hardener B3 x (25+7.5 kg) | | | | | kpl | | | | | | 1 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 18 | | | | | Taśma szklana szer. 20 NSN-H gr. 0.25 | | | | | mb | | | | | | 2000 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 19 | | | | | Topnik 157 C Castolin | | | | | szt | | | | | | 1 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 20 | | | | | Distal rapid | | | | | szt | | | | | | 5 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 21 | | | | | Drut nawojowy DN2E180 Ø2,0-200mb | | | | | kg | | | | | | 6 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 22 | | | | | Lut 157 Castolin fi2mm | | | | | op | | | | | | 1 | | | | |  | | | | | | | | |  | | |  | | |  | | | | |
|  | 23 | | | | | szkło epoksydowe #1x1000x2000 | | | | | szt. | | | | | | 1 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 24 | | | | | Pręt PLEXI bezbarwny fi 8 | | | | | mb | | | | | | 0,5 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
|  | 25 | | | | | PLEXI bezbarwna #4 185x150 wymiar na 0 - cięty laserem lub frezowany | | | | | szt | | | | | | 2 | | | | | dowolny | | | | | | | | |  | | |  | | |  | | | | |
| 7 MECHANICZNA- FARBY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
|  | 1 | | | | Farba podkładowa tlenkowa szara 5l | | | | | szt | | | | | | | 1 | | | | |  | | | | | | | | |  | |  | | | |  | | | | |
|  | 2 | | | | Emalia akrylowa granatowa RAL5001 5l | | | | | szt | | | | | | | 2 | | | | |  | | | | | | | | |  | |  | | | |  | | | | |
|  | 3 | | | | Utwardzacz do farby akrylowej 5l | | | | | szt | | | | | | | 1 | | | | |  | | | | | | | | |  | |  | | | |  | | | | |
|  | 4 | | | | Farba akrylowa półmat RAL 7046 | | | | | L | | | | | | | 5 | | | | |  | | | | | | | | |  | |  | | | |  | | | | |
| WNIOSEK 172 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
| 1 MECHANICZNA - BLACHA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
|  | 1 | | Blacha S235JR #16x130x35 | | | | | | | szt | | | | | | | 1 | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 2 | | Blacha 304 #22x60x55 | | | | | | | szt | | | | | | | 1 | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 3 | | Blacha 304 #35 x fi135 (formatka wycięta z wody) | | | | | | | szt | | | | | | | 2 | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 4 | | Blacha 304 #35 x fi160 (formatka wycięta z wody) | | | | | | | szt | | | | | | | 2 | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 5 | | Blacha 304 #25 x fi150 (formatka wycięta z wody) | | | | | | | szt | | | | | | | 2 | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
|  | 6 | | Blacha 304 #20x35x60 | | | | | | | szt | | | | | | | 1 | | | | | dowolny | | | | | | | |  | | |  | | | |  | | | | |
| 2 MECHANICZNA - PROFILE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
|  | 1 | | Ołów OT III 170x280x250 | | | | | | | | szt | | | | | | 1 | | | | | dowolny | | | | |  | | | | | |  | | | |  | | | | |
|  | 2 | | Rura 304 fi13 x 2 x 150 | | | | | | | | szt | | | | | | 1 | | | | | dowolny | | | | |  | | | | | |  | | | |  | | | | |
|  | 3 | | Rura 304 fi8x1,5x224 | | | | | | | | szt | | | | | | 2 | | | | | dowolny | | | | |  | | | | | |  | | | |  | | | | |
|  | 4 | | Rura M1E fi10 x 1,5 x 2000 , min. odcinki 2m | | | | | | | | szt | | | | | | 2 | | | | | dowolny | | | | |  | | | | | |  | | | |  | | | | |
|  | 5 | | Pręt gwintowany M5 nierdzewny | | | | | | | | mb | | | | | | 2 | | | | | dowolny | | | | |  | | | | | |  | | | |  | | | | |
| 3 MECHANICZNA - HYDRAULIKA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
|  | 1 | | Redukcja nakrętno-wkretna mosiadz G1 1/4" na G 3/4" | | | | | | | | | szt | | | | | 2 | | | | | dowolny | | | | | | |  | | | |  | | | |  | | | | |
|  | 2 | | Wtyk GW BSPT 1/2" SP Cupla typ A NK-4P-A-B | | | | | | | | | szt | | | | | 6 | | | | |  | | | | | | |  | | | |  | | | |  | | | | |
|  | 3 | | Korek G1/2" grzejnik | | | | | | | | | szt | | | | | 4 | | | | | dowolny | | | | | | |  | | | |  | | | |  | | | | |
|  | 4 | | Nypel redukcyjny G1 1/4" - R1 1/4" mosiądz płaskie uszczeln. | | | | | | | | | szt | | | | | 4 | | | | | dowolny | | | | | | |  | | | |  | | | |  | | | | |
|  | 5 | | Obejma z izolacją dzwiekową G1 1/4" | | | | | | | | | szt | | | | | 2 | | | | | dowolny | | | | | | |  | | | |  | | | |  | | | | |
|  | 6 | | Redukcja nakrętno-wkretna mosiadz G1 na G1 1/4" | | | | | | | | | szt | | | | | 1 | | | | | dowolny | | | | | | |  | | | |  | | | |  | | | | |
|  | 7 | | Mini zawór kulowy G1/2" mosiądz nakretno wkretny | | | | | | | | | szt | | | | | 2 | | | | | dowolny | | | | | | |  | | | |  | | | |  | | | | |
|  | 8 | | Gniazdo GW BSPT 1/2" SP Cupla typ A NK-4S-A-B | | | | | | | | | szt | | | | | 6 | | | | |  | | | | | | |  | | | |  | | | |  | | | | |
|  | 9 | | Redukcja G1" x G3/4" nakr. wkr. | | | | | | | | | szt | | | | | 2 | | | | | dowolny | | | | | | |  | | | |  | | | |  | | | | |
| 4 MECHANICZNA - INNE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
|  | 1 | | Profil 5 R20 90 0.0.425.43 | | | | | | | | | | mb | | | | 4 | | | | |  | | | | | |  | | | | |  | | | |  | | | | |
|  | 2 | | Nitonakrętka stożkowa M8 A4 | | | | | | | | | | szt | | | | 30 | | | | | dowolny | | | | | |  | | | | |  | | | |  | | | | |
|  | 3 | | Stół montażowo spawalniczy EP600X1000F16JP | | | | | | | | | | szt | | | | 2 | | | | |  | | | | | |  | | | | |  | | | |  | | | | |
|  | 4 | | Złączka kątowa GN 191-B10-B10-2-BL | | | | | | | | | | szt | | | | 2 | | | | |  | | | | | |  | | | | |  | | | |  | | | | |
|  | 5 | | Złączka kątowa GN 474-B10-B10-MT | | | | | | | | | | szt | | | | 2 | | | | |  | | | | | |  | | | | |  | | | |  | | | | |
|  | 6 | | Zestaw Łączników 5 R20-90 0.0.425.97 | | | | | | | | | | szt | | | | 8 | | | | |  | | | | | |  | | | | |  | | | |  | | | | |
|  | 7 | | Rączka GN 425-8-96-CR | | | | | | | | | | szt | | | | 6 | | | | |  | | | | | |  | | | | |  | | | |  | | | | |
|  | 8 | | Filament PLA 2,85mm czarny do drukarki 3D opakowanie 1kg. | | | | | | | | | | szt | | | | 1 | | | | | dowolny | | | | | |  | | | | |  | | | |  | | | | |
| 5 MECHANICZNA - FARBY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1 | | Benzyna ekstrakcyjna | | | | | | ltr | | | | | | | 10 | | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | |
|  | 2 | | Podkład akrylowy reaktywny Novol 5L (podkład +utwardzacz) | | | | | | zestaw | | | | | | | 1 | | | | | Novol | | | |  | | | | | | |  | | |  | | | | | | | | |
|  | 3 | | Podkład epoksydowy szary (podkład + utwardzacz) 5L | | | | | | zestaw | | | | | | | 1 | | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | |
|  | 4 | | Farba szara poliuretanowa półmat RAL 7035 | | | | | | ltr | | | | | | | 5 | | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | |
|  | 5 | | Rozpuszczalnik nitro | | | | | | ltr | | | | | | | 10 | | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | |
|  | 6 | | Farba nitro czarna | | | | | | ltr | | | | | | | 3 | | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | |
|  | 7 | | Farba niebieska poliuretanowa RAL 5001 półmat | | | | | | ltr | | | | | | | 5 | | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | |
| WNIOSEK nr 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | |
|  | | 1 | | blacha stal nierdzewna (A2/1.4306/AISI304) 0.5 mm; arkusz 1000x2000 mm, 8 kg | | | | | | | | | | szt. | | | | 2 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 2 | | pręt stalowy nierdzewny (A2/1.4316/AISI304) gwintowane M5; długość 1 m | | | | | | | | | | mb | | | | 10 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 3 | | podkładki nierdzewne sprężyste M5 (A2/1.4316/AISI304) - 300 szt. | | | | | | | | | | op. | | | | 1 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 4 | | podkładki nierdzewne M5 (A2/1.4316/AISI304) 300szt. | | | | | | | | | | op. | | | | 1 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 5 | | nakrętki nierdzewne M5 (A2/1.4316/AISI304) 300szt. | | | | | | | | | | op. | | | | 1 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 6 | | Śruba M8x80, kl. 5.8, ocynkowana z gwintem na całej długości, sześciokątna – 90szt. | | | | | | | | | | kg | | | | 3 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 7 | | Nakrętka M8, kl. 8, ocynkowana, 225 szt. | | | | | | | | | | kg | | | | 1 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 8 | | Podkładka M8 poszerzana ocynkowana – 200szt. | | | | | | | | | | kg | | | | 2 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 9 | | Śruba soczewkowa na krzyżak; ocynk, M3x8,200szt. | | | | | | | | | | op. | | | | 1 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 10 | | Rura PVC-U PN10 d110x4,2mm | | | | | | | | | | mb | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 11 | | Tuleja kołnierzowa PVC-U d 110 | | | | | | | | | | szt. | | | | 10 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 12 | | Kołnierz PVC-U d 110 | | | | | | | | | | szt. | | | | 10 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 13 | | Kołnierz zaślepiający PVC-U d 110 | | | | | | | | | | szt. | | | | 6 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 14 | | Uszczelka d 110 do rur PVC-U | | | | | | | | | | szt. | | | | 16 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 15 | | Rura przezroczysta, transparentna d 50 | | | | | | | | | | mb | | | | 6 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 16 | | Tuleja kołnierzowa PVC-U d 50 | | | | | | | | | | szt. | | | | 6 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 17 | | Kołnierz PVC-U d 50 | | | | | | | | | | szt. | | | | 6 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 18 | | Kołnierz zaślepiający PVC-U d 50 | | | | | | | | | | szt. | | | | 6 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 19 | | Uszczelka d 50 do rur PVC-U | | | | | | | | | | szt. | | | | 6 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 20 | | Czyściwo 0,5l PVC-U | | | | | | | | | | l. | | | | 0,5 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 21 | | Klej do PVC-U szybkoschnący z pędzelkiem 0.5 l | | | | | | | | | | l. | | | | 0,5 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 22 | | Klej Tangit Henkel do PVC-U 1 kg | | | | | | | | | | kg | | | | 1 | | | | nie | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 23 | | Rura PVC kanalizacyjna 160 mm 1 m | | | | | | | | | |  | | | | 2 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 24 | | Zaślepki do rury kanalizacyjnej 160 mm | | | | | | | | | | szt. | | | | 2 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 25 | | PVC PŁYTA grubość 10,0mm (biała) | | | | | | | | | | szt. | | | | 1 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 26 | | PVC PRĘT średnica 30,0mm (długość 100cm) | | | | | | | | | | szt. | | | | 6 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 27 | | Klej cyjanoakrylowy do PMMMA Acrifix 192 0.5 kg | | | | | | | | | | mb | | | | 1 | | | | nie | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 28 | | Masa naprawcza do PVC Cosmofen RM 19g | | | | | | | | | | szt. | | | | 2 | | | | nie | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 29 | | Klej do twardego PVC Cosmofen Plus HV bezbarwny | | | | | | | | | | szt. | | | | 2 | | | | nie | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 30 | | Przewód poliuretanowy kalibrowany PU niebieski 6/4 mm | | | | | | | | | | szt. | | | | 20 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 31 | | Łącznik kątowy wtykowy tworzywowy pneumatyczny 6 mm | | | | | | | | | | mb | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 32 | | Łącznik prosty wtykowy tworzywowy pneumatyczny 6 mm | | | | | | | | | | szt. | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 33 | | Zawór odcinający wtykowy bez odpowietrzenia tworzywowy pneumatyczny 6 mm | | | | | | | | | | szt. | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 34 | | Złączka wtykowa prosta z gwintem zewnętrznym GZ 1/4" 6 mm tworzywowa pneumatyczna | | | | | | | | | | szt. | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 35 | | Złączka wtykowa prosta z gwintem zewnętrznym GZ 3/8" 6 mm tworzywowa pneumatyczna | | | | | | | | | | szt. | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 36 | | Króciec szybkozłącza DN7.2 z gwintem wewnętrznym DW 1/4” | | | | | | | | | | szt. | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 37 | | Króciec szybkozłącza DN7.2 z gwintem wewnętrznym DW 3/8” | | | | | | | | | | szt. | | | | 4 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 38 | | Przewód pneumatyczny spiralny 8x5 ze złączami mosiężnymi niklowanymi DN7.2 5m | | | | | | | | | | szt. | | | | 2 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 39 | | Szybkozłączka DN7,2 gwint wewnętrzny; GW1/8" | | | | | | | | | | szt. | | | | 2 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
|  | | 40 | | Szybkozłączka DN7,2 gwint wewnętrzny; GW1/4" | | | | | | | | | | szt. | | | | 2 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |
| 1. \*) | | 41 | | Mini kompresor do aerografu; kompresor modelarski; zbiornik wyrównawczy > 1l; reduktor z filtrem oleju i odwadniaczem; poziom hałasu < 45 dB(A); wartość regulacji ciśnienia co najmniej: 0-4 bar; wydajność: przepływ powietrza na wyjściu >= 17 L / min; | | | | | | | | | | szt. | | | | 1 | | | | dowolny | | | |  | | | | | | |  | | |  | | | | | | | | | |

**UWAGA:**

**\*) Zamawiający wymaga udzielenia gwarancji jakości na przedmiot zamówienia na okres nie krótszy niż 12 miesięcy, licząc od terminu odbioru przedmiotu zamówienia dla części nr 70, 72, 75, 76, 77, 78, 94, 185.**