

PRILOG 2./ANNEX 2.

NARUČITELJ/CLIENT: ADMA PRO d.o.o., sa sjedištem u Gornjoj Vrbi , Matije Mesića 17,
PREDMET NABAVE/OBJECT OF PROCUREMENT: **TEHNOLOŠKA USLUGA ZA PRILAGODBU SIROVINE TEHNOLOGIJI 3D PRINTA / SERVICES OF DEVELOPMENT OF RAW MATERIAL FOR 3D PRINTING**

EVIDENCIJSKI BROJ NABAVE/PROCUREMENT NUMBER: 02

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TEHNIČKE SPECIFIKACIJE / TECHNICAL SPECIFICATION:

TEHNOLOŠKA USLUGA ZA PRILAGODBU SIROVINE TEHNOLOGIJI 3D PRINTA / SERVICES OF DEVELOPMENT OF RAW MATERIAL FOR 3D PRINTING

OBUHVAĆA / INCLUDES:

RAZVOJ DVA KEMIJSKA SPOJA KOJA ĆE BITI EKSTRUDIRANA U FILAMENT ZA KORIŠTENJE U 3D TEHNOLOGIJI PRINTA (FUSED DEPOSITION MODELING - DALJE FDM) SA ISPORUKOM MATERIJALA U KOLIČINI KAO NIŽE NAVEDENO , NA NAČIN DA MATERIJAL KOJI ĆE SE RAZVITI IMA SLIJEDEĆA SVOJSTVA: / DEVELOPMENT OF TWO CHEMICAL COMPOUNDS TO BE EXTRUDED AS A FILAMENT FOR USE IN 3D PRINTING (FUSED DEPOSITION MODELING – HEREINAFTER FDM) WITH DELIVERY OF MATERIAL IN QUANTITY AS NAMED BELLOW, IN SUCH A WAY THAT THE MATERIAL TO BE DEVELOPED HAS THE FOLLOWING CHARACTERISTIC:

Dva materijala / two materials:

- jedan bioelastični bakteriostatski filament (min.80% biljnog podrijetla) /
one bioelastic bacteriostatic filament (min.80% plant origin) ,
- jedan elastični bakteriostatski filament (fosilnog podrijetla) /
one elastic bacteriostatic filament (fossil origin)

Tvrdoća /Hardness: 30 shore A

**Točka topljenja /melting point: Kompatibilna sa 3D FDM proizvodnjom , 210-240°C /
Compatible with 3D FDM production , 210-240°C**

Materijal mora imati svojstvo trajnosti (nerazgradivosti) / The material must be durable (non compostable)

Materijal se mora moći više puta otopiti i ponovo koristiti / The material must be able to be repeatedly melted and reused

Materijal mora udovoljavati zahtjevima Uredbe EU – REACH (eng. „Registration, Evaluation, Authorisation and Restriction of Chemical“ - REACH) /The material must comply with EU Directive - REACH (eng. „Registration, Evaluation, Authorisation and Restriction of Chemical“ - REACH)

PRILOG 2./ANNEX 2.

Materijal mora imati stalne bakteriostatičke karakteristike , bez korištenja teških metala /
The material must have permanent bacteriostatic characteristic without the use of heavy metals

Materijal ne smije imati miris / The material must not have any odour

Materijal treba biti crn / The material must be black

Materijal treba biti isporučen u obliku bioelastičnog i elastičnog bakteriostatičnog filameta za korištenje na 3D printerima FDM tehnologijom / The material should be supplied in the form of bioelastic and elastic bacteriostatic filament for use on 3D printers by FDM technology:

- Količina / quantity:

400 kg filameta fosilnog podrijetla i 400 kg filameta biljnog podrijetla u koloturima od 1kg/

400 kg of filament of fossil origin and 400 kg of filament of plant origin in reels of 1 kg

- Promjer filameta/filament diameter:

2,8 mm, tolerancija +/- 0,01mm/ 2,8mm,tolerance +/- 0,01 mm