



REQUEST FOR QUOTATION (RFQ)

RFQ Reference: UNDP-TUR-RFQ(MC1)-2021/004	Date: 05 February 2021
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SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP kindly requests your quotation for the procurement of **“3D Printers and Other Related Supplies for Izmir, Adana and Mersin Innovation Centers”** as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

Annex 4: General Terms and Conditions

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3 Technical and Financial Offer, by the method and by the date and time indicated in Section 2. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Issued by:

A handwritten signature in black ink, appearing to read 'S. Khojimatov'.

Signature: _____

Name: Sukhrob Khojimatov

Title: Deputy Resident Representative

Date: 05 February 2021

SECTION 2: RFQ INSTRUCTIONS AND DATA

Introduction	<p>Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</p> <p>Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this RFQ.</p> <p>UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p>
Deadline for the Submission of Quotation	<p>18 February 2021, 17:00 hrs. (GMT+3, Local time-Turkey)</p> <p>If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/.</p>
Method of Submission	<p>Quotations must be submitted as follows:</p> <p><input checked="" type="checkbox"/> Dedicated Email Address</p> <p>Bid submission address: tr.procurement@undp.org</p> <ul style="list-style-type: none"> ▪ File Format: PDF ▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard. ▪ All files must be free of viruses and not corrupted. ▪ Max. File Size per transmission: 35 MB and no more than five email ▪ Mandatory subject of email: UNDP-TUR-RFQ(MC1)-2021/004 - 3D Printers and Other Related Supplies for Izmir, Adana and Mersin Innovation Centers ▪ Multiple emails must be clearly identified by indicating in the subject line “email no. X of Y”, and the final “email no. Y of Y.” ▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible.
Cost of preparation of quotation	<p>UNDP shall not be responsible for any costs associated with a Supplier’s preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>
Supplier Code of Conduct, Fraud, Corruption,	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes principles on labour, human rights, environment and ethical conduct may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP’s Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_an_dinvestigation.html#anti</p>
Gifts and Hospitality	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall</p>

	reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.
Conflict of Interest	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
General Conditions of Contract	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract</p> <p>Select the applicable GTC:</p> <p><input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions for Contract.</p> <p>Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy</p>
Special Conditions of Contract	<p><input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 20 calendar days</p> <p><input checked="" type="checkbox"/> UNDP shall deduct 0.5% of the total Contract Amount from the payments to be released to the Contractor for each day of delay beyond latest delivery date stipulated in Annex 1.</p>
Eligibility	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p> <p>It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.</p>
Currency of Quotation	Quotations shall be quoted in United States Dollars (USD) .
Joint Venture, Consortium	If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall

or Association	<p>be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association.</p> <p>Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
Only one Bid	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association.</p> <p>Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or b) they have the same legal representative for purposes of this RFQ; or c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process; d) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or e) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.
Duties and taxes	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices must:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> be exclusive of VAT and other applicable indirect taxes <p>It is the Proposer's responsibility to learn from relevant authorities (Ministry of Treasury and Finance) and/or to review/confirm published procedures and to consult with a certified financial consultant as needed to confirm the scope and procedures of VAT exemption application as per VAT Law, Ministry of Treasury and Finance's General Communiqués. The Contractor to be selected shall not be entitled to receive any amount over its proposal price in relation to VAT. Overall contract amount to be paid to the contractor shall not exceed the offered Total Financial Proposal Price.</p> <p>UNDP will provide the contractor a VAT exemption certificate covering the subject procurement.</p>
Language of quotation	<p>English</p> <p>Including documentation including catalogues, instructions and operating manuals.</p>
Documents to be submitted	<p>Bidders shall include the following documents in their quotation:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1

	<input checked="" type="checkbox"/> Trade Registry Gazette showing the establishment and shareholder structure of the company; <input checked="" type="checkbox"/> Valid Chamber of Commerce Registration Certificate (Original documents may be requested by UNDP and shall be presented when requested) <input checked="" type="checkbox"/> Copy of Signature Circular/Power of Attorney (Original documents may be requested by UNDP and shall be presented when requested) <input checked="" type="checkbox"/> Brochure/catalog of the offered products or link to web sites where these documents can be seen to demonstrate compliance with technical specifications <input checked="" type="checkbox"/> Signed and Stamped copy of ANNEX 4- General Terms and Conditions for Contracts
Quotation validity period	Quotations shall remain valid for 90 days from the deadline for the Submission of Quotation.
Price variation	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
Partial Quotes	<input checked="" type="checkbox"/> Not permitted
Alternative Quotes	<input checked="" type="checkbox"/> Not permitted
Payment Terms	<input checked="" type="checkbox"/> 100% within 30 days after receipt of all goods and submission of payment documentation. The Contractor shall not be entitled to receive any price difference and/or additional amount from UNDP for whatsoever reason, including but not limited to increase in the costs of the Contractor or any missing goods/services in its Price Schedule to be submitted in response to this RFQ. Alternative terms of payment shall not be negotiated with the successful Offeror. Currency of Payment: If the Contractor is registered and operating in Turkey, the payment shall be realized in Turkish Liras (TRY). Contract price will be converted from United States Dollar (USD) to Turkish Liras (TRY) by the UN operational rate of exchange valid on the date of money transfer. Otherwise, the payments shall be affected in United States Dollar.
Conditions for Release of Payment	<input checked="" type="checkbox"/> Passing Inspection and testing <input checked="" type="checkbox"/> Written Acceptance of Goods, based on full compliance with RFQ requirements
Contact Person for correspondence, notifications and clarifications	E-mail address: tr.procurement@undp.org Att: Mr. Tunç Gürdal, Procurement Officer Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.
Clarifications	Requests for clarification from bidders will not be accepted any later than 3 days before the submission deadline.
Evaluation method	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer

Evaluation criteria	<input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1 <input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
Right to vary requirement at time of award	At the time of award of Contract or Purchase Order, UNDP Turkey CO reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
Type of Contract to be awarded	<input checked="" type="checkbox"/> Contract Face Sheet (Goods and-or Services)
Expected date for contract award.	01 March 2021
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	<p>Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org.</p> <p>The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.</p>

ANNEX 1: SCHEDULE OF REQUIREMENTS

Please be informed that that Turkish version of the specifications is given for reference purpose only. In case of an inconsistency between Turkish and English versions, English version shall prevail.

Technical Specifications for Goods // Ürünler için Teknik Şartname

#	Description/Specifications of the items to be supplied <i>Teknik Özellikler</i>	Qty <i>Miktar</i>	Latest Delivery Date <i>Teslimat Süresi</i>	Other Conditions <i>Diğer Şartlar</i>
1	FDM 3D Printer (Creality 3D CR-10S Pro, Creality 3D CR-10 V2, Anet E16; Alfawise U20, Tevo Tornado, Folger Tech FT-5 or equal item meeting requirements specified below as minimum) <i>FDM 3B Yazıcı (Creality 3D CR-10S Pro, Creality 3D CR-10 V2, Anet E16, Alfawise U20, Tevo Tornado, Folger Tech FT-5 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	İzmir: 2	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
1.1	Minimum printing size: 300*300*400 mm <i>Minimum baskı boyutu: 300*300*400 mm</i>			Installation: On site <i>Kurulum: Teslimat yerinde kurulum da yapılacaktır</i>
1.2	Minimum precision: ±0.1 mm <i>Minimum hassasiyet: ±0.1 mm</i>			Training: Following installation, training will be given to users. <i>Eğitim: Kurulumu müteakiben, kullanıcılara eğitim verilecektir.</i>
1.3	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>			Operation Manual: Turkish <i>Kullanıcı Kılavuzu: Türkçe</i>
1.4	Nozzle temperature: Up to 250°C <i>Nozül sıcaklığı: 250 °C ye kadar</i>			
1.5	Nozzle diameter: 0.4 mm (also 0.2/0.3/0.6/0.8/1.0 mm nozzles also have to be used) <i>Nozül çapı: 0.4 mm (0.2/0.3/0.6/0.8/1.0 mm nozüller de kullanılabilmelidir)</i>			
1.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>			
1.7	Table calibration: Auto leveling			

		<i>Tabla kalibrasyonu: Otomatik seviyelendirme</i>			
	1.8	Screen: Touch color screen <i>Ekran: Dokunmatik renkli ekran</i>			
	1.9	Format: STL/OBJ/AMF <i>Format: STL/OBJ/AMF</i>			
	1.10	Software: Cura/Repetier-Host/Simplify 3D etc. <i>Yazılım: Cura/Repetier-Host/Simplify 3D vb.</i>			
2	FDM 3D Printer (Creality CR-10 Max, Creality CR-10 S5, My 3B, FlashForge Thor 500, gCreate gMax 2; Modix Big 60 or equal item meeting requirements specified below as minimum) <i>FDM 3B Yazıcı (Creality CR-10 Max, Creality CR-10 S5, My 3B, FlashForge Thor 500, gCreate gMax 2; Modix Big 60 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		İzmir: 2	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
	2.1	Minimum printing size: 450*450*470 mm <i>Minimum baskı boyutu: 450*450*470 mm</i>			Installation: On site <i>Kurulum: Teslimat yerinde kurulum da yapılacaktır</i>
	2.2	Minimum precision: ±0.1 mm <i>Minimum hassasiyet: ±0.1 mm</i>			Training: Following installation, training will be given to users. <i>Eğitim: Kurulumu müteakiben, kullanıcılara eğitim verilecektir.</i>
	2.3	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>			Operation Manual: Turkish <i>Kullanıcı Kılavuzu: Türkçe</i>
	2.4	Nozzle temperature: Up to 250°C <i>Nozül sıcaklığı: 250 °C ye kadar</i>			
	2.5	Nozzle diameter: 0.4 mm (also 0.2/0.3/0.6/0.8/1.0 mm nozzles also have to be used) <i>Nozül çapı: 0.4 mm (0.2/0.3/0.6/0.8/1.0 mm nozüller de kullanılabilmelidir)</i>			
	2.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>			

	2.7	Table calibration: Auto leveling <i>Tabla kalibrasyonu: Otomatik seviyelendirme</i>			
	2.8	Screen: Touch color screen <i>Ekran: Dokunmatik renkli ekran</i>			
	2.9	Format: STL/OBJ/AMF <i>Format: STL/OBJ/AMF</i>			
	2.10	Software: Cura/Repetier-Host/Simplify 3D etc. <i>Yazılım: Cura/Repetier-Host/Simplify 3D vb.</i>			
3	Enclosed Portable FDM 3D Printer (Creality Children CR-100, ThingMaker, Tronxy C2 or equal item meeting requirements specified below as minimum) <i>Kapalı Portatif 3B FDM Yazıcı (Creality Children CR-100, ThingMaker, Tronxy C2 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		İzmir: 4	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
	3.1	Minimum printing size: 100*100*80 mm <i>Minimum baskı boyutu: 100*100*80 mm</i>			Installation: On site <i>Kurulum: Teslimat yerinde kurulum da yapılacaktır</i>
	3.2	Minimum precision: ±0.2 mm <i>Minimum hassasiyet: ±0.2mm</i>			Training: Following installation, training will be given to users. <i>Eğitim: Kurulumu müteakiben, kullanıcılara eğitim verilecektir.</i>
	3.3	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>			Operation Manual: Turkish <i>Kullanıcı Kılavuzu: Türkçe</i>
	3.4	Nozzle temperature: Up to 250°C <i>Nozül sıcaklığı: 250 °C ye kadar</i>			
	3.5	Nozzle diameter: 0.4 mm <i>Nozül çapı: 0.4 mm</i>			
	3.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>			
	3.7	Format: STL/OBJ/AMF <i>Format: STL/OBJ/AMF</i>			

	3.8	Software: Cura/Repetier-Host/Simplify 3D etc. <i>Yazılım: Cura/Repetier-Host/Simplify 3D vb.</i>			
4		Filament dryer (eSUN eBOX, PrintDry, Filament Dryer FD1, FilDry, Polymaker PolyBox or equal item meeting requirements specified below as minimum) <i>Filament kurutucusu (eSUN eBOX, PrintDry, Filament Dryer FD1, FilDry, Polymaker PolyBox veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	İzmir: 2	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
	4.1	Function: Heating, drying and weighing <i>Fonsiyon: Isıtma, kurutma, tartma</i>			Installation: On site <i>Kurulum: Teslimat yerinde kurulum da yapılacaktır.</i>
	4.2	Maximum heating temperature: 80°C <i>Maksimum ısıtma sıcaklığı: 80 °C</i>			Training: Following installation, training will be given to users. <i>Eğitim: Kurulumu müteakiben, kullanıcılara eğitim verilecektir.</i>
	4.3	Maximum weighting load: 2 kg <i>Maksimum ağırlık yükü: 2 kg</i>			Operation Manual: Turkish <i>Kullanıcı Kılavuzu: Türkçe</i>
	4.4	Weighing error: ±0.02 kg <i>Tartım hatası: ±0.02 kg</i>			
5		3D Printer enclosure cabin with Hepa filter and sound installation (Makoto bo3x or equal item meeting requirements specified below as minimum) <i>Hepa filtreli ve ses izolasyonlu 3B yazıcı kabini (Makoto bo3x veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	İzmir: 2	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
	5.1	Minimum outside net size: 560*700*740 mm <i>Minimum net dış boyutları: 560*700*740 mm</i>			Installation: On site <i>Kurulum: Teslimat yerinde kurulum da yapılacaktır.</i>
	5.2	Coated acoustic sponge: 4 cm, fireproof <i>Kaplama yapılan akustik sünger: 4 cm, yanmaz</i>			Training: Following installation, training will be given to users. <i>Eğitim: Kurulumu müteakiben, kullanıcılara eğitim verilecektir.</i>

	5.3	Cabin: 6000 series of aluminum sigma frame with 4 mm aluminum composite panel <i>Kabin: 6000 serisi alüminyum sigma çerçeve ve 4 mm alüminyum kompozit panel</i>			
	5.4	Lighting: Double led lighting panel <i>Aydınlatma: Çift led aydınlatma paneli</i>			
	5.5	Air cleaning: Hepa filter with fan <i>Hava temizleme: Fanlı Hepa filtresi</i>			
6	3D Printer enclosure cabin with Hepa filter and sound installation (Makoto bo3x or equal item meeting requirements specified below as minimum) <i>Hepa filtreli ve ses izolasyonlu 3B yazıcı kabini (Makoto bo3x veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		İzmir: 2	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer guarantee <i>Garanti: 2 yıl üretici garantisi</i>
	6.1	Minimum outside net size: 820*740*1140 mm <i>Minimum net dış boyutları: 820*740*1140 mm</i>			Installation: On site <i>Kurulum: Teslimat yerinde kurulum da yapılacaktır.</i>
	6.2	Coated acoustic sponge: 4 cm, fireproof <i>Kaplama yapılan akustik sünger: 4 cm, yanmaz</i>			Training: Following installation, training will be given to users. <i>Eğitim: Kurulumu müteakiben, kullanıcılara eğitim verilecektir.</i>
	6.3	Cabin: 6000 series of aluminum sigma frame with 4 mm aluminum composite panel <i>Kabin: 6000 serisi alüminyum sigma çerçeve ve 4 mm alüminyum kompozit panel</i>			
	6.4	Lighting: Double led lighting panel <i>Aydınlatma: Çift led aydınlatma paneli</i>			
	6.5	Air cleaning: Hepa filter with fan <i>Hava temizleme: Fanlı Hepa filtresi</i>			

7	3D Scanner (Artec Eva, Einscan Pro, 3D System Sense 2, Z17OR or equal item meeting requirements specified below as minimum) <i>3B Tarayıcı (Artec Eva, Einscan Pro, 3D System Sense 2, Z17OR veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		İzmir: 1 Adana:1 Mersin:1	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
	7.1	Depth resolution of working distance: 0.5 m: 1 mm <i>Çalışma mesafesinin derinlik çözünürlüğü: 0.5 m: 1 mm</i>			
	7.2	Maximum 3D resolution: 0.5 mm <i>Maksimum 3D çözünürlük: 0.5 mm</i>			
	7.3	Maximum 3D sensivity: 0.1 mm <i>Maksimum 3D hassasiyet: 0.1 mm</i>			
	7.4	Maximum video frame rate: 16 fps <i>Maksimum video kare hızı: 16 fps</i>			
	7.5	File format: STL, PLY, OBJ <i>Dosya formatı: STL, PLY, OBJ</i>			
8	Automatic Turntable for 3D Scanning (Artec Turntable, Einscan-SP, Jousoir, HP 3D Automatic Turntable Pro, RangeVision Smart or equal item meeting requirements specified below as minimum) <i>3B tarama için otomatik döner tabla (Artec Turntable, Einscan-SP, Jousoir, HP 3D Automatic Turntable Pro, RangeVision Smart veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		İzmir: 1 Adana:1 Mersin:1	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
	8.1	Maximum weight of object: 3 kg <i>Taranacak objenin maksimum ağırlığı: 3 kg</i>			
	8.2	Connectivity: Cable or Bluetooth <i>Bağlantı: Kablo veya Bluetooth</i>			

	8.3	Full rotation: 15 second <i>Tam dönüş: 15 saniye</i>			Operation Manual: Turkish <i>Kullanıcı Kılavuzu: Türkçe</i>
	8.4	Minimum table diameter: 30 cm <i>Minimum table çapı: 30 cm</i>			
	8.5	Turntable control: Remote control <i>Döner tablanın kontrolü: Uzaktan control</i>			
9	PCB engraver and CNC machine (Creality CP-01, Snapmaker 3in1 or equal item meeting requirements specified below as minimum) <i>PCB kazıma ve CNC makinesi (Creality CP-01, Snapmaker 3in1 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		İzmir: 2	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Guarantee: 2 years manufacturer/distributor guarantee <i>Garanti: 2 yıl üretici/satıcı garantisi</i>
	9.1	Functions: 3 in 1 (FDM printer, PCB engraver-CNC, laser Ingraving) <i>Fonksiyonlar: 3'ü 1 arada (FDM yazıcı, PCB kazıyıcı-CNC, Lazer işleme)</i>			Installation: On site <i>Kurulum: Teslimat yerinde kurulum da yapılacaktır</i>
	9.2	Minimum printing size: 125*125*125 mm <i>Minimum baskı boyutu: 125*125*125 mm</i>			Training: Following installation, training will be given to users. <i>Eğitim: Kurulumu müteakiben, kullanıcılara eğitim verilecektir.</i>
	9.3	Minimum precision: ±0.1 mm <i>Minimum hassasiyet: ±0.1 mm</i>			Operation Manual: Turkish <i>Kullanıcı Kılavuzu: Türkçe</i>
	9.4	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>			
	9.5	Nozzle diameter: 0.4 mm (also 0.6/0.8/1.0 mm nozzles also have to be used) <i>Nozul çapı: 0.4 mm (0.6/0.8/1.0 mm nozüller de kullanılabilir)</i>			
	9.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>			
	9.7	Screen: Touch color screen <i>Ekran: Dokunmatik renkli ekran</i>			
	9.8	Format: STL/OBJ/AMF/SVG/BMP/STEP/DXF			

		<i>Format:</i> <i>STL/OBJ/AMF/SVG/BMP/STEP/DXF</i>			
	9.9	Minimum CNC carving and cutting size: 90*90 mm <i>Minimum CNC oyma ve kesme boyutu: 90*90 mm</i>			
	9.10	Minimum laser engraving size: 125*125 mm <i>Minimum lazer işleme boyutu: 125*125 mm</i>			
	9.11	Laser power: Minimum 200 mW <i>Lazer gücü: Minimum 200 mW</i>			

The List of 3 D Printer Supplies // 3B Yazıcı Sarf Malzemeleri Listesi

#	Description/Specifications of the items to be supplied <i>Teknik Özellikler</i>	Qty <i>Miktar</i>	Latest Delivery Date <i>Teslimat Süresi</i>	Other Conditions <i>Diğer Şartlar</i>
10	1.75 mm filaments (eSUN, abg, tinylab, colorFabb, 3D Innovations or equal item meeting requirements specified below as minimum) <i>1.75 mm filament (eSUN, abg, tinylab, colorFabb, 3D Innovations veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	All will be delivered to İzmir.	Latest 90 calendar days after signature of the contract by UNDP and Contractor <i>En geç sözleşme imzalanmasını müteakiben 90. gün</i>	Diameter Tolerance: ±0.02 mm <i>Çap Toleransı: ±0.02 mm</i>
10.1	Black color PLA filament <i>Siyah renkli PLA filament</i>	5 kg		Packing: Vacuum packing + carton box <i>Ambalaj: Vakum ambalaj + karton kutu</i>
10.2	White color PLA filament <i>Beyaz renkli PLA filament</i>	5 kg		
10.3	Red color PLA filament <i>Kırmızı renkli PLA filament</i>	3 kg		
10.4	Blue color PLA filament <i>Mavi renkli PLA filament</i>	3 kg		
10.5	Green color PLA filament <i>Yeşil renkli PLA filament</i>	3 kg		
10.6	Brown color PLA filament <i>Kahverengi renkli PLA filament</i>	3 kg		
10.7	Gold color PLA filament <i>Altın renkli PLA filament</i>	3 kg		
10.8	Skin color PLA filament <i>Deri renkli PLA filament</i>	3 kg		

10.9	Yellow color PLA filament <i>Sarı renkli PLA filament</i>	3 kg		
10.10	Purple color PLA filament <i>Mor renkli PLA filament</i>	3 kg		
10.11	Magenta color PLA filament <i>Eflatun renkli PLA filament</i>	3 kg		
10.12	Grey color PLA filament <i>Gri renkli PLA filament</i>	3 kg		
10.13	Silver color PLA filament <i>Gümüş renkli PLA filament</i>	3 kg		
10.14	Pink color PLA filament <i>Pembe renkli PLA filament</i>	3 kg		
10.15	Orange color PLA filament <i>Portakal renkli PLA filament</i>	3 kg		
10.16	Transparent color PLA filament <i>Şeffaf renkli PLA filament</i>	3 kg		
10.17	Natural color PLA filament <i>Doğal renkli PLA filament</i>	3 kg		
10.18	Black color PETG filament <i>Siyah renkli PETG filament</i>	2 kg		
10.19	White color PETG filament <i>Beyaz renkli PETG filament</i>	2 kg		
10.20	Red color PETG filament <i>Kırmızı renkli PETG filament</i>	1 kg		
10.21	Blue color PETG filament <i>Mavi renkli PETG filament</i>	1 kg		
10.22	Green color PETG filament <i>Yeşil renkli PETG filament</i>	1 kg		
10.23	Brown color PETG filament <i>Kahverengi renkli PETG filament</i>	1 kg		
10.24	Gold color PETG filament <i>Altın renkli PETG filament</i>	1 kg		
10.25	Grey color PETG filament <i>Gri renkli PETG filament</i>	1 kg		
10.26	Silver color PETG filament <i>Gümüş renkli PETG filament</i>	1 kg		
10.27	Yellow color PETG filament <i>Sarı renkli PETG filament</i>	1 kg		
10.28	Natural color PETG filament <i>Doğal renkli PETG filament</i>	1 kg		
10.29	Natural color Flex (TPU) filament <i>Doğal renkli Esnek (TPU) filament</i>	2 kg		
10.30	Black color ABS filament <i>Siyah renkli ABS filament</i>	1 kg		
10.31	White color ABS filament <i>Beyaz renkli ABS filament</i>	1 kg		
10.32	Red color ABS filament <i>Kırmızı renkli ABS filament</i>	1 kg		
10.33	Blue color ABS filament <i>Mavi renkli ABS filament</i>	1 kg		

10.34	Green color ABS filament <i>Yeşil renkli ABS filament</i>	1 kg		
10.35	Brown color ABS filament <i>Kahverengi renkli ABS filament</i>	1 kg		
10.36	Gold color ABS filament <i>Altın renkli ABS filament</i>	1 kg		
10.37	Grey color ABS filament <i>Gri renkli ABS filament</i>	1 kg		
10.38	Yellow color ABS filament <i>Sarı renkli ABS filament</i>	1 kg		
10.39	Natural color ABS filament <i>Doğal renkli ABS filament</i>	1 kg		
10.40	Gold color ABS filament <i>Altın renkli ABS filament</i>	1 kg		
10.41	Silver color ABS filament <i>Gümüş renkli ABS filament</i>	1 kg		
10.42	Black color HIPS filament <i>Siyah renkli HIPS filament</i>	1 kg		
10.43	White color HIPS filament <i>Beyaz renkli HIPS filament</i>	1 kg		
10.44	Red color HIPS filament <i>Kırmızı renkli HIPS filament</i>	1 kg		
10.45	Blue color HIPS filament <i>Mavi renkli HIPS filament</i>	1 kg		
10.46	Green color HIPS filament <i>Yeşil renkli HIPS filament</i>	1 kg		
10.47	Brown color HIPS filament <i>Kahverengi renkli HIPS filament</i>	1 kg		
10.48	Gold color HIPS filament <i>Altın renkli HIPS filament</i>	1 kg		
10.49	Grey color HIPS filament <i>Gri renkli HIPS filament</i>	1 kg		
10.50	Yellow color HIPS filament <i>Sarı renkli HIPS filament</i>	1 kg		
10.51	Natural color HIPS filament <i>Doğal renkli HIPS filament</i>	1 kg		
10.52	Wood color PLA filament <i>Ahşap renkli PLA filament</i>	2 kg		
10.53	Black color Nylon (PA12) filament <i>Siyah renkli Naylon (PA12) filament</i>	2 kg		
10.54	White color Nylon (PA12) filament <i>Beyaz renkli Naylon (PA12) filament</i>	2 kg		
10.55	Transparent color Nylon (PA12) filament <i>Şeffaf renkli Naylon (PA12) filament</i>	2 kg		
10.56	Blue color Nylon (PA) filament <i>Mavi renkli Naylon (PA) filament</i>	1 kg		
10.57	Green color Nylon (PA) filament <i>Yeşil renkli Naylon (PA) filament</i>	1 kg		
10.58	Red color Nylon (PA) filament <i>Kırmızı renkli Naylon (PA) filament</i>	1 kg		

10.59	Natural color Nylon (PA) filament <i>Doğal renkli Naylon (PA) filament</i>	1 kg		
10.60	Carbon fiber PLA filament <i>Karbon fiber PLA filament</i>	1 kg		
10.61	Coper HTPLA filament <i>Bakır HTPLA fiber filament</i>	1 kg		
10.62	Brass HTPLA filament <i>Prinç HTPLA fiber filament</i>	1 kg		
10.63	Bronze HTPLA filament <i>Bronz HTPLA fiber filament</i>	1 kg		
10.64	Aluminum HTPLA filament <i>Alüminyum HTPLA fiber filament</i>	1 kg		
10.65	Tungsten HTPLA filament <i>Tungusten HTPLA fiber filament</i>	1 kg		
10.66	Iron HTPLA filament <i>Demir HTPLA fiber filament</i>	1 kg		
10.67	Conductive PLA filament <i>iletken PLA fiber filament</i>	1 kg		
10.68	Stainless steel PLA filament <i>Paslanmaz çelik PLA fiber filament</i>	1 kg		
10.69	Coper HTPLA filament <i>Bakır HTPLA fiber filament</i>	1 kg		

Delivery Requirements

Delivery Requirements	
Delivery date and time	Bidder shall deliver the goods within 90 days after Contract signature.
Delivery Terms (INCOTERMS 2020)	DDP
Exact Address(es) of Delivery Location(s)	<p>For items that will be delivered to Adana: Çukurova Teknoloji Geliştirme Bölgesi Balcalı Mah. Güney Kampüs Bulv. Teknokent Sitesi D Blok No: 1 Sarıçam/ADANA</p> <p>For items that will be delivered to Mersin: Mersin Tarsus Organize Sanayi Bölgesi Yetkinlik ve Dijital Dönüşüm Merkezi Nacarlı Köyü Mevkii P.K. : 1 Mersin</p> <p>For items that will be delivered to İzmir: İzmir Ticaret Odası, Atatürk Caddesi No: 190 Alsancak / Konak 35220 - İZMİR</p> <p>Transportation related costs of items for delivery to above mentioned sites will be included in the price offer. The Contractor will not be entitled to any additional payments for transportation related costs.</p>
Installation Requirements	Refer to Annex 1 for installation requirements. The prices quoted shall include installation expenses. No payment shall be effected to the contractor for installation related expenses.
Training on Operations and Maintenance	Refer to Annex 1 for training requirements after installation of products. The prices quoted shall include training expenses. No payment shall be effected to the contractor for training related expenses.
Warranty Period	Refer to Annex 1 for guarantee requirements. No payment shall be effected to the contractor for warranty related expenses.
Covid 19 related requirements	The Contractors shall review all local regulations, as well as that of UN and UNDP concerning the measures they must take during performance of the contract in the context of COVID-19, before they submit their bids and factor relevant costs, if any, to their bids. The Contractor shall take all measures against COVID-19 imposed by local regulations as well as by UN and UNDP during performance of the contract to protect health and social rights of its own personnel, as well as UNDP personnel, Project Stakeholders and third parties. Pursuant to “Clause 12- Indemnification” of UNDP General Terms and Conditions for Contracts*, the Contractor shall indemnify, defend, and hold and save harmless, UNDP, and its officials, agents and employees, from and against all suits, proceedings, claims, demands, losses and liability of any kind or nature brought by any third party against UNDP, including, but not limited to, all litigation costs and expenses, attorney’s fees, settlement payments and damages, based on, arising from, or relating to COVID-19 measures that must be taken by the Contractor in the context of the contract. UNDP shall not be held accountable for any Covid-19 related health risks or events that are caused by negligence of the Contractor and/or any other third party.

ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	UNDP-TUR-RFQ(MC1)-2021/004	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.
Year of Registration	Click or tap here to enter text.
Legal structure	Choose an item.
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues (If yes, provide a Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Is your company a member of the UN Global Compact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Bank Information	Bank Name: Click or tap here to enter text. Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text. SWIFT/BIC: Click or tap here to enter text. Account Currency: Click or tap here to enter text. Bank Account Number: Click or tap here to enter text.			
Previous relevant experience: 3 contracts				
Name of previous contracts	Client & Reference Contact Details including e-mail	Contract Value	Period of activity	Types of activities undertaken

Bidder's Declaration

Yes No

- ☐ ☐ **Requirements and Terms and Conditions:** I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
- ☐ ☐ I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
- ☐ ☐ **Ethics:** In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
- ☐ ☐ I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct :<https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct> and acknowledge that it provides the minimum standards expected of suppliers to the UN.
- ☐ ☐ **Conflict of interest:** I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
- ☐ ☐ **Prohibitions, Sanctions:** I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Bankruptcy: I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
<input type="checkbox"/>	<input type="checkbox"/>	Offer Validity Period: I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Signature: _____

Name: Click or tap here to enter text.
Title: Click or tap here to enter text.
Date: Click or tap to enter a date.

ANNEX 3: TECHNICAL AND FINANCIAL OFFER - GOODS

Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	UNDP-TUR-RFQ(MC1)-2021/004	Date: Click or tap to enter a date.

Technical Compliance Table

#	Description/Specifications of the items to be supplied <i>Teknik Özellikler</i>	Offered technical specifications by the offeror <i>Firma tarafından teklif edilen teknik özellikler</i>
1	FDM 3D Printer (Creality 3D CR-10S Pro, Creality 3D CR-10 V2, Anet E16; Alfawise U20, Tevo Tornado, Folger Tech FT-5 or equal item meeting requirements specified below as minimum) <i>FDM 3B Yazıcı (Creality 3D CR-10S Pro, Creality 3D CR-10 V2, Anet E16, Alfawise U20, Tevo Tornado, Folger Tech FT-5 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	Model/Brand Name: <i>Model/Marka Adı:</i>
1.1	Minimum printing size: 300*300*400 mm <i>Minimum baskı boyutu: 300*300*400 mm</i>	
1.2	Minimum precision: ±0.1 mm <i>Minimum hassasiyet: ±0.1 mm</i>	
1.3	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>	
1.4	Nozzle temperature: Up to 250°C <i>Nozül sıcaklığı: 250 °C ye kadar</i>	
1.5	Nozzle diameter: 0.4 mm (also 0.2/0.3/0.6/0.8/1.0 mm nozzles also have to be used) <i>Nozül çapı: 0.4 mm (0.2/0.3/0.6/0.8/1.0 mm nozüller de kullanılabilir)</i>	
1.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>	
1.7	Table calibration: Auto leveling <i>Tabla kalibrasyonu: Otomatik seviyelendirme</i>	

	1.8	Screen: Touch color screen <i>Ekran: Dokunmatik renkli ekran</i>	
	1.9	Format: STL/OBJ/AMF <i>Format: STL/OBJ/AMF</i>	
	1.10	Software: Cura/Repetier-Host/Simplify 3D etc. <i>Yazılım: Cura/Repetier-Host/Simplify 3D vb.</i>	
2	FDM 3D Printer (Creality CR-10 Max, Creality CR-10 S5, My 3B, FlashForge Thor 500, gCreate gMax 2; Modix Big 60 or equal item meeting requirements specified below as minimum) <i>FDM 3B Yazıcı (Creality CR-10 Max, Creality CR-10 S5, My 3B, FlashForge Thor 500, gCreate gMax 2; Modix Big 60 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		Brand Name // <i>Marka Adı:</i>
	2.1	Minimum printing size: 450*450*470 mm <i>Minimum baskı boyutu: 450*450*470 mm</i>	
	2.2	Minimum precision: ±0.1 mm <i>Minimum hassasiyet: ±0.1 mm</i>	
	2.3	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>	
	2.4	Nozzle temperature: Up to 250°C <i>Nozül sıcaklığı: 250 °C ye kadar</i>	
	2.5	Nozzle diameter: 0.4 mm (also 0.2/0.3/0.6/0.8/1.0 mm nozzles also have to be used) <i>Nozül çapı: 0.4 mm (0.2/0.3/0.6/0.8/1.0 mm nozüller de kullanılabilir)</i>	
	2.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>	
	2.7	Table calibration: Auto leveling <i>Tabla kalibrasyonu: Otomatik seviyelendirme</i>	
	2.8	Screen: Touch color screen <i>Ekran: Dokunmatik renkli ekran</i>	

	2.9	Format: STL/OBJ/AMF <i>Format: STL/OBJ/AMF</i>	
	2.10	Software: Cura/Repetier-Host/Simplify 3D etc. <i>Yazılım: Cura/Repetier-Host/Simplify 3D vb.</i>	
3	Enclosed Portable FDM 3D Printer (Creality Children CR-100, ThingMaker, Tronxy C2 or equal item meeting requirements specified below as minimum) <i>Kapalı Portatif 3B FDM Yazıcı (Creality Children CR-100, ThingMaker, Tronxy C2 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>		Brand Name // <i>Marka Adı:</i>
	3.1	Minimum printing size: 100*100*80 mm <i>Minimum baskı boyutu: 100*100*80 mm</i>	
	3.2	Minimum precision: ±0.2 mm <i>Minimum hassasiyet: ±0.2mm</i>	
	3.3	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>	
	3.4	Nozzle temperature: Up to 250°C <i>Nozül sıcaklığı: 250 °C ye kadar</i>	
	3.5	Nozzle diameter: 0.4 mm <i>Nozül çapı: 0.4 mm</i>	
	3.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>	
	3.7	Format: STL/OBJ/AMF <i>Format: STL/OBJ/AMF</i>	
	3.8	Software: Cura/Repetier-Host/Simplify 3D etc. <i>Yazılım: Cura/Repetier-Host/Simplify 3D vb.</i>	

4	<p>Filament dryer (eSUN eBOX, PrintDry, Filament Dryer FD1, FilDry, Polymaker PolyBox or equal item meeting requirements specified below as minimum)</p> <p><i>Filament kurutucusu (eSUN eBOX, PrintDry, Filament Dryer FD1, FilDry, Polymaker PolyBox veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i></p>	<p>Brand Name // <i>Marka Adı:</i></p>
	<p>4.1 Function: Heating, drying and weighing</p> <p><i>Fonksiyon: Isıtma, kurutma, tartma</i></p> <p>4.2 Maximum heating temperature: 80°C</p> <p><i>Maksimum ısıtma sıcaklığı: 80 °C</i></p> <p>4.3 Maximum weighting load: 2 kg</p> <p><i>Maksimum ağırlık yükü: 2 kg</i></p> <p>4.4 Weighing error: ±0.02 kg</p> <p><i>Tartım hatası: ±0.02 kg</i></p>	
5	<p>3D Printer enclosure cabin with Hepa filter and sound installation (Makoto bo3x or equal item meeting requirements specified below as minimum)</p> <p><i>Hepa filtreli ve ses izolasyonlu 3B yazıcı kabini (Makoto bo3x veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i></p>	<p>Brand Name // <i>Marka Adı:</i></p>
	<p>5.1 Minimum outside net size: 560*700*740 mm</p> <p><i>Minimum net dış boyutları: 560*700*740 mm</i></p> <p>5.2 Coated acoustic sponge: 4 cm, fireproof</p> <p><i>Kaplama yapılan akustik sünger: 4 cm, yanmaz</i></p> <p>5.3 Cabin: 6000 series of aluminum sigma frame with 4 mm aluminum composite panel</p> <p><i>Kabin: 6000 serisi alüminyum sigma çerçeve ve 4 mm alüminyum kompozit panel</i></p> <p>5.4 Lighting: Double led lighting panel</p> <p><i>Aydınlatma: Çift led aydınlatma paneli</i></p> <p>5.5 Air cleaning: Hepa filter with fan</p> <p><i>Hava temizleme: Fanlı Hepa filtresi</i></p>	

6	3D Printer enclosure cabin with Hepa filter and sound installation (Makoto bo3x or equal item meeting requirements specified below as minimum) <i>Hepa filtreli ve ses izolasyonlu 3B yazıcı kabini (Makoto bo3x veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	Brand Name // <i>Marka Adı:</i>
	6.1 Minimum outside net size: 820*740*1140 mm <i>Minimum net dış boyutları: 820*740*1140 mm</i>	
	6.2 Coated acoustic sponge: 4 cm, fireproof <i>Kaplama yapılan akustik sünger: 4 cm, yanmaz</i>	
	6.3 Cabin: 6000 series of aluminum sigma frame with 4 mm aluminum composite panel <i>Kabin: 6000 serisi alüminyum sigma çerçeve ve 4 mm alüminyum kompozit panel</i>	
	6.4 Lighting: Double led lighting panel <i>Aydınlatma: Çift led aydınlatma paneli</i>	
	6.5 Air cleaning: Hepa filter with fan <i>Hava temizleme: Fanlı Hepa filtresi</i>	
7	3D Scanner (Artec Eva, Einscan Pro, 3D System Sense 2, Z17OR or equal item meeting requirements specified below as minimum) <i>3B Tarayıcı (Artec Eva, Einscan Pro, 3D System Sense 2, Z17OR veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	Brand Name // <i>Marka Adı:</i>
	7.1 Depth resolution of working distance: 0.5 m: 1 mm <i>Çalışma mesafesinin derinlik çözünürlüğü: 0.5 m: 1 mm</i>	
	7.2 Maximum 3D resolution: 0.5 mm <i>Maksimum 3D çözünürlük: 0.5 mm</i>	
	7.3 Maximum 3D sensitivity: 0.1 mm <i>Maksimum 3D hassasiyet: 0.1 mm</i>	
	7.4 Maximum video frame rate: 16 fps <i>Maksimum video kare hızı: 16 fps</i>	

	7.5	File format: STL, PLY, OBJ <i>Dosya formatı: STL, PLY, OBJ</i>	
8		Automatic Turntable for 3D Scanning (Artec Turntable, Einscan-SP, Jousoir, HP 3D Automatic Turntable Pro, RangeVision Smart or equal item meeting requirements specified below as minimum) <i>3B tarama için otomatik döner tabla (Artec Turntable, Einscan-SP, Jousoir, HP 3D Automatic Turntable Pro, RangeVision Smart veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	Brand Name // <i>Marka Adı:</i>
	8.1	Maximum weight of object: 3 kg <i>Taranacak objenin maksimum ağırlığı: 3 kg</i>	
	8.2	Connectivity: Cable or Bluetooth <i>Bağlantı: Kablo veya Bluetooth</i>	
	8.3	Full rotation: 15 second <i>Tam dönüş: 15 saniye</i>	
	8.4	Minimum table diameter: 30 cm <i>Minimum table çapı: 30 cm</i>	
	8.5	Turntable control: Remote control <i>Döner tablanın kontrolü: Uzaktan kontrol</i>	
9		PCB engraver and CNC machine (Creality CP-01, Snapmaker 3in1 or equal item meeting requirements specified below as minimum) <i>PCB kazıma ve CNC makinesi (Creality CP-01, Snapmaker 3in1 veya aşağıdaki gereklilikleri asgari olarak karşılayan eşdeğeri)</i>	Brand Name // <i>Marka Adı:</i>
	9.1	Functions: 3 in 1 (FDM printer, PCB engraver-CNC, laser Ingraving) <i>Fonksiyonlar: 3'ü 1 arada (FDM yazıcı, PCB kazıyıcı-CNC, Lazer işleme)</i>	
	9.2	Minimum printing size: 125*125*125 mm <i>Minimum baskı boyutu: 125*125*125 mm</i>	
	9.3	Minimum precision: ±0.1 mm <i>Minimum hassasiyet: ±0.1 mm</i>	

9.4	Filament diameter: 1.75 mm <i>Filament çapı: 1.75 mm</i>	
9.5	Nozzle diameter: 0.4 mm (also 0.6/0.8/1.0 mm nozzles also have to be used) <i>Nozül çapı: 0.4 mm (0.6/0.8/1.0 mm nozüller de kullanılabilirdir)</i>	
9.6	Layer thickness: 0.1-0.4 mm <i>Katman kalınlığı: 0.1-0.4 mm</i>	
9.7	Screen: Touch color screen <i>Ekran: Dokunmatik renkli ekran</i>	
9.8	Format: STL/OBJ/AMF/SVG/BMP/STEP/DXF <i>Format: STL/OBJ/AMF/SVG/BMP/STEP/DXF</i>	
9.9	Minimum CNC carving and cutting size: 90*90 mm <i>Minimum CNC oyma ve kesme boyutu: 90*90 mm</i>	
9.10	Minimum laser engraving size: 125*125 mm <i>Minimum lazer işleme boyutu: 125*125 mm</i>	
9.11	Laser power: Minimum 200 mW <i>Lazer gücü: Minimum 200 mW</i>	

Financial Quotation Table

Currency of the Quotation: United States Dollars (USD)					
INCOTERMS: DDP					
Item No / Ürün No	Description / Açıklama	UOM / Birim	Qty / Adet	Unit price (USD) / Birim Fiyat	Total price (USD) / Toplam Fiyat
1.	FDM 3D Printer (Creality 3D CR-10S Pro, Creality 3D CR-10 V2, Anet E16; Alfawise U20, Tevo Tornado, Folger Tech FT-5 or equal) <i>FDM 3B Yazıcı (Creality 3D CR-10S Pro, Creality 3D CR-10 V2, Anet E16, Alfawise U20, Tevo Tornado, Folger Tech FT-5 veya eşdeğeri)</i>	EA <i>Adet</i>	2		
2.	FDM 3D Printer (Creality CR-10 Max, Creality CR-10 S5, FlashForge Thor 500, gCreate gMax 2; Modix Big 60 or equal) <i>FDM 3B Yazıcı (Creality CR-10 Max, Creality CR-10 S5, My 3B, FlashForge Thor 500, gCreate gMax 2; Modix Big 60 veya eşdeğeri)</i>	EA <i>Adet</i>	2		
3.	Enclosed Portable FDM 3D Printer (Creality Children CR-100, ThingMaker, Tronxy C2 or equal) <i>Kapalı Portatif 3B FDM Yazıcı (Creality Children CR-100, ThingMaker, Tronxy C2 veya eşdeğeri)</i>	EA <i>Adet</i>	4		
4.	Filament dryer (eSUN eBOX, PrintDry, Filament Dryer FD1, FilDry, Polymaker PolyBox or equal) <i>Filament kurutucusu (eSUN eBOX, PrintDry, Filament Dryer FD1, FilDry, Polymaker PolyBox veya eşdeğeri)</i>	EA <i>Adet</i>	2		
5.	3D Printer enclosure cabin with Hepa filter and sound installation (560*700*740 mm) (Makoto bo3x Creality Enclosure Cabin or equal) <i>Hepa filtreli ve ses izolasyonlu 3B yazıcı kabini (560*700*740 mm) (Makoto bo3x Koruyucu Akustik Kutu veya eşdeğeri)</i>	EA <i>Adet</i>	2		
6.	3D Printer enclosure cabin with Hepa filter and sound installation (820*740*1140 mm) (Makoto bo3x Creality Enclosure Cabin or equal) <i>Hepa filtreli ve ses izolasyonlu 3B yazıcı kabini (820*740*1140 mm) (Makoto bo3x Koruyucu Akustik Kutu veya eşdeğeri)</i>	EA <i>Adet</i>	2		

7.	3D Scanner (Artec Eva, Einscan Pro, 3D System Sense 2, Z170R or equal) <i>3B Tarayıcı (Artec Eva, Einscan Pro, 3D System Sense 2, Z170R veya eşdeğeri)</i>	EA <i>Adet</i>	3		
8.	Automatic Turntable for 3D Scanning (Artec Turntable, Einscan-SP, Jousoir, HP 3D Automatic Turntable Pro, RangeVision Smart or equal) <i>3B tarama için otomatik döner tabla (Artec Turntable, Einscan-SP, Jousoir, HP 3D Automatic Turntable Pro, RangeVision Smart veya eşdeğeri)</i>	EA <i>Adet</i>	3		
9.	PCB engraver and CNC machine (Crealty CP-01, Snapmaker 3in1 or equal) <i>PCB kazıma ve CNC makinesi (Crealty CP 01, Snapmaker 3in1 veya eşdeğerleri)</i>	EA <i>Adet</i>	2		
10.	PLA Filament	Kg.	57		
11.	PETG Filament	Kg.	13		
12.	Natural color Flex (TPU) filament <i>Doğal renkli Esnek (TPU) filament</i>	Kg.	2		
13.	ABS Filament	Kg.	12		
14.	HIPS Filament	Kg.	10		
15.	Nylon Filament	Kg.	10		
16.	PLA Carbonfiber Filament	Kg.	1		
17.	HTPLA Filament	Kg.	7		
18.	Conductive PLA Filament <i>İletken PLA fiber filament</i>	Kg.	1		
19.	Stainless Steel PLA Filament <i>Paslanmaz çelik PLA Filament</i>	Kg.	1		
Total Final and All-Inclusive Price Quotation (USD) <i>Herşey dahil toplam fiyat (USD)</i>					

Compliance with Requirements

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Minimum Technical Specifications	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Term (INCOTERMS)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Warranty and After-Sales Requirements	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.

Exact name and address of company

Company Name Click or tap here to enter text.

Address: Click or tap here to enter text.

Click or tap here to enter text.

Phone No.: Click or tap here to enter text.

Email Address: Click or tap here to enter text.

Authorized Signature:

Date: Click or tap here to enter text.

Name: Click or tap here to enter text.

Functional Title of Authorised

Signatory: Click or tap here to enter text.

Email Address: Click or tap here to enter text.