

Hashemite Kingdom of Jordan
Al Hussein Bin Abdullah II Technical University (HTU)

INVITATION FOR BIDS

International Competitive Bidding (ICB)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

HTU Tender No. 3/2026 | KfW Procurement No. 513954

The Hashemite Kingdom of Jordan has received a Financial Contribution from the Federal Republic of Germany through the German Development Bank (hereinafter referred to as "KfW"), to support the 'Promotion of Technical and Vocational Education and Training (TVET) HTUPLUS Programme: Phase II (BMZ No: 2018.6793.6 & 2020.6713.0), in Jordan. The Project Executing Agency (PEA), Al Hussein Bin Abdullah II Technical University (HTU), intends to apply part of the proceeds from this contribution towards eligible payments under the contract (s) for the procurement of goods and services related to this invitation for bids. The project aims to support the promotion of technical education in Jordan.

The Al Hussein Bin Abdullah II Technical University (HTU) invites sealed Bids from eligible Bidders for the Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan, for delivery DPU (Incoterms 2020) to six VTI branches in Jordan viz. **Ain Al Basha (Balqa Governorate), Females Irbid (Irbid Governorate), Ghowr Al Safi (Karak Governorate), Hakama (Irbid Governorate), Sahab Main (Amman Governorate) and Yajouz (Zarqa Governorate)**, Jordan.

Bid Details:

Publication Date	21 September 2026				
Published on	Local Newspapers in Jordan, HTU website and GTAI website				
Bidding Procedure	Bidding will be conducted by means of the International Competitive Bidding (ICB) procedure with qualification as specified in KfW's "Guidelines for the Procurement of Consulting Services, Works, Goods, Plant and Non-Consulting Services in Financial Cooperation with Partner Countries" ("KfW Guidelines"). Eligibility is governed by Section V of the Bidding Documents.				
Language	The language of the bid is English.				
Tender No. & Title	Supply, Installation and Commissioning of TVET Equipment for VTIs in Jordan, HTU Tender No. 3/2026 KfW Procurement No.: 513954				
Tender Lots and items	This tender covers a comprehensive range of TVET equipment for six Vocational Training Institutes (VTIs)/branches in Jordan, comprising the following lots:				
	Lot No	Lot Name	Items	Qty	Details
	ICB-1	Metal, Machining & Plastics (MMP)	52	108	Annex - Lot 1
	ICB-2	IT & Digital Media (IDM)	103	1,492	Annex - Lot 2
	ICB-3	TVET Training Systems (TTS)	88	381	Annex - Lot 3
	ICB-4	ICT, Electronics, Control and PCB Manufacturing	222	1,408	Annex - Lot 4
	ICB-5	Furniture Items (FI)	113	2,296	Annex - Lot 5
Bidding for a Single or Multiple Lots	A Bidder may bid for one lot, any combination, or all five , provided it qualifies for each. Turnover and liquidity are aggregated - the requirement is the sum of the lots bid.				

	Experience must be shown for each lot, either through separate contracts per lot or through contracts of comparable scope, nature, complexity and cumulative value that together satisfy the lots concerned. If a Bidder falls short across all the lots it applied for, the Purchaser determines the combination of lots for which it does qualify. Bidders are required to submit quotations for all items included within a lot.																
Partial Bids	Partial bids covering only individual items within a lot will not be accepted and will be rejected.																
Tender Purchase and Tender Fee	Bidders interested in submitting their bids are requested to: a. Send an email for registration to: Mrs. Razan al Mashal, Email address: <Procurement@cavt.jo> CC: centraltenderscommittee@htu.edu.jo /Supplies and Tender Department. The registration email should include the following information: • The bidder's/firm's legal name, • Registration number • Country of registration • Current office address including website (if available), • Name, designation, and phone number of the focal person for the tender for future communication • Company profile (if available), and • Evidence of tender fee payment. Email Subject Line: Please mention "KfW Procurement No 513954 and [Short Company Name]" in the subject of the email for all communications. b. Transfer the non-refundable tender fee of 40 JOD or 50 EUR before sending the email for registration to the account below. <table border="1"> <tr> <td>Bank Name</td><td>Arab Bank</td></tr> <tr> <td>Bank Branch Name</td><td>Wadi Al-seer</td></tr> <tr> <td>Bank Address</td><td>Building No. 35, Hosni Sobr St, Wadi Al-seer, Amman, The Hashemite Kingdom of Jordan</td></tr> <tr> <td>Account Currency</td><td>EUR or JOD</td></tr> <tr> <td>Accountholder Name</td><td>Al Hussein Bin Abdallah II Technical University</td></tr> <tr> <td>Account Number</td><td>0162275205536</td></tr> <tr> <td>Account IBAN</td><td>JO79ARAB1620000000162275205536</td></tr> <tr> <td>Swift Code</td><td>ARABJOAXXX</td></tr> </table> Bidders who fail to provide evidence of tender fee payment will not be considered.	Bank Name	Arab Bank	Bank Branch Name	Wadi Al-seer	Bank Address	Building No. 35, Hosni Sobr St, Wadi Al-seer, Amman, The Hashemite Kingdom of Jordan	Account Currency	EUR or JOD	Accountholder Name	Al Hussein Bin Abdallah II Technical University	Account Number	0162275205536	Account IBAN	JO79ARAB1620000000162275205536	Swift Code	ARABJOAXXX
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Account IBAN	JO79ARAB1620000000162275205536																
Swift Code	ARABJOAXXX																
Bidding Document Despatch	The bidding document (in electronic copies format) will be sent by email, but under no circumstances the Purchaser will be held responsible for any delivery or loss of the document mailed. The bidding documents received from the Purchaser are not transferable.																
Bid Clarification Meeting	Tuesday: 6 October 2026 at 12:30 hrs (Jordan Local Time, GMT+3), at the Purchaser's address as given in the tender document Online participation is possible and an e-invitation will be issued to registered bidders.																

Bid Security and Validity	A Bid Security is required, as follows:			
	Lot No	Lot Title	EUR	JOD
	ICB-1	Metal, Machining & Plastics (MMP)	€ 13,700	JOD 11,100
	ICB-2	IT & Digital Media (IDM)	€ 15,400	JOD 12,500
	ICB-3	TVET Training Systems	€ 7,300	JOD 6,000
	ICB-4	ICT, Electronics, Control and PCB Manufacturing	€ 6,800	JOD 5,600
	ICB-5	Furniture Items	€ 7,600	JOD 6,200
	For each lot bid, a separate and distinct Bid Security shall be submitted in accordance with the requirements of the Bidding Documents.			
	Bid Security as specified above, must have a validity period of NOT LESS than 170 days from the bid submission date.			
Bid Validity	All Bids shall have a validity period of 120 days from the bid submission			
Bid Submission Deadline	Bids shall be sealed and marked as per instructions given in BDS. Bids must be delivered to the address below on or before: Deadline: 5 November 2026, before 13:00 hrs (Jordan Local Time, GMT+3). Al Hussein Bin Abdullah II Technical University (HTU) King Hussein Business Park / Building 23 City: Amman, ZIP Code: 11831, Country: Jordan The bids received after the above deadline will be rejected.			
Bid Opening Date	Thursday, 5 November 2026, before 13:30 hrs, (Jordan Local Time, GMT+3) Al Hussein Bin Abdullah II Technical University (HTU), King Hussein Business Park / HTU New Building (Red Section), 5th Floor, Meeting Room No. S-516, Amman, ZIP Code 11831, Jordan. Bids will be opened in public in the presence of the Bidders designated representatives who choose to attend.			
For Additional information	Attention: Mrs. Razan al Mashal / Mrs. Jumana Hinnawi, Supplies and Tender Department Email : Procurement@cavt.jo CC:centraltenderscommittee@htu.edu.jo			
Key Qualification Criteria	Please refer to the Tender Document for the complete qualification criteria. Bidders are required to carefully review and confirm their eligibility and compliance with all qualification requirements before submitting their bids. Bids that do not meet the specified qualification criteria will not be considered for further evaluation.			

Table 1: Bid Submission Form, Declaration of Undertaking and Eligibility

No.	Subject	Requirement	Single Entity	JV - all parties combined	JV - each member	JV - one member	Documentation required
1.1	Bid Submission Form	Submission, in accordance with Section III, Qualification	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
1.2	Declaration of Undertaking	Submission, in accordance with ITB 12	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Declaration of Undertaking
1.3	Power of Attorney	Submission, in accordance with ITB 20.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Power of Attorney (free format)
1.4	Joint Venture Agreement	JV Agreement or Letter of Intent, in the case of a JV, in accordance with ITB 4.1	N/A	Must meet requirement	Must meet requirement	N/A	Relevant pages of an existing JV Agreement or Letter of Intent (free format)
1.5	Nationality	Nationality in accordance with ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2 (in case of JV), with attachments
1.6	Conflict of Interest	No conflicts of interest in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
1.7	KfW Eligibility	Not being ineligible for KfW financing, as described in ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
1.8	State-owned Entity	Meets the conditions of ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2 (in case of JV), with attachments
1.9	Stock Exchange Listing	Submission, in accordance with Section IV	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Stock Exchange Listing Declaration form

Table 2 - Historical Contract Non-Performance

No.	Subject	Requirement	Single Entity	JV - all parties combined	JV - each member	JV - one member	Documentation required
2.1	History of Non-Performing Contracts	Termination of a contract did not occur as a result of Supplier default in the past 5 years. Applies to contracts executed by the Bidder as a JV member.	Must meet requirement	Must meet requirements	Must meet requirement	N/A	Form CON-2 (only the lead member)
2.2	Suspension based on execution of a Bid Securing Declaration, or withdrawal of the Bid within the bid validity	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.4, or withdrawal of a Bid pursuant to ITB 19.9.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form (only the lead member)
2.3	Pending Litigation	All pending litigation shall in total not represent more than 100% of the Bidder's net worth, and shall be treated as resolved against the Bidder.	Must meet requirement	N/A	Must meet requirement	N/A	Form CON-2 (only the lead member)

Non-performance covers every contract termination where the supplier did not challenge it, and every challenge fully settled against the supplier. It excludes terminations where the Purchaser's decision was overruled. Any non-performance in the stated period disqualifies the bid.

Table 3 - Financial Situation and Performance

No.	Subject	Requirement	Single Entity	JV - all parties combined	JV - each member	JV - one member	Documentation required
3.1	Financial Capabilities	Audited balance sheets, or other financial statements acceptable to the Purchaser where audit is not required by the law of the Bidder's country, for any 3 of the last 5 years (2021-2025) selected by the Bidder, demonstrating: (a) liquidity ratio ≥ 1.0 (current assets / current liabilities); and (b) indebtedness ratio $\leq 80\%$ (total liabilities x 100 / total assets).	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN-3.1, with attachments

Table 3 (Turnover and Liquidity) & Table 4 (Similar Experience):

Sub-factors 3.2 (average annual supplier turnover) and 3.3 (access to liquidity), and sub-factor 4.1 (similar experience) from Table 4, are set per lot. The same figure applies to turnover, to liquidity and to the minimum value of each experience contract.

Lot	Lot title	Turnover 3.2 / Liquidity 3.3	Similar experience 4.1	JV - each member	JV - one member	Documentation
ICB-1	Metal, Machining & Plastics (MMP)	€ 0.343 m	2 contracts, each ≥ € 0.343 m	≥ 25% of the requirement	≥ 40% of the requirement	Form FIN-3.2; liquidity letter; Form EXP-4.1 (one per contract)
ICB-2	IT & Digital Media (IDM)	€ 0.386 m	2 contracts, each ≥ € 0.386 m	≥ 25% of the requirement	≥ 40% of the requirement	As above
ICB-3	TVET Training Systems	€ 0.183 m	2 contracts, each ≥ € 0.183 m	≥ 25% of the requirement	≥ 40% of the requirement	As above
ICB-4	ICT, Electronics, Control and PCB Manufacturing	€ 0.171 m	2 contracts, each ≥ € 0.171 m	≥ 25% of the requirement	≥ 40% of the requirement	As above
ICB-5	Furniture Items	€ 0.190 m	2 contracts, each ≥ € 0.190 m	≥ 25% of the requirement	≥ 40% of the requirement	As above
	All five lots combined	€ 1.273 m	10 contracts (2 per lot)			Sum of the lots bid, per the multi-lot rule

Turnover is the total certified payments received for contracts in progress and/or completed during any three years selected by the Bidder within the last five (2021-2025). **Liquidity** is evidenced by a letter from the Bidder's bankers or an equivalent institution, including the manufacturer, in free format.

Table 4 - Experience (sub-factor 4.1, Similar Experience)

Per lot: two contracts as Supplier or joint venture member, satisfactorily and substantially completed in the past 5 years, each at or above the lot value shown in the table above. Single Entity and JV all-parties-combined must meet the requirement; each member and one member are N/A.

Documentation: Form EXP-4.1, one per contract.

Term	How it is defined in Section III
Similar	Similarity is judged on physical size, complexity, methods or technology, and other characteristics described in Section VII, Schedule of Requirements. Adding up several contracts each below the stated value to reach the requirement is not accepted.
Substantially completed	80% or more completed under the contract.
JV member or sub-contractor share	Only the Bidder's share by value counts.
JV aggregation	The values of contracts completed by JV members are not added together to meet the minimum value of a single contract; each contract performed by each member must itself meet the single-entity minimum value.

Table 5 - Technical Capacity, Spare Parts and Local Agent

No.	Subject	Requirement	Single Entity	JV - all parties combined	JV - each member	JV - one member	Documentation required
5.1	Technical Capacity	The Bidder must have qualified personnel - minimum 2 TVET technicians or engineers - to satisfy the requirements.	Must meet requirement	Must meet requirement	N/A	N/A	CVs, plus supporting documents as required in Section VII
5.2	Spare Parts	The Bidder must confirm the availability of spare parts for 5 years, including the warranty period.	Must meet requirement	Must meet requirement	N/A	N/A	Form SPA-5.1, plus supporting documents as required in Section VII
5.3	Local Agent	The International Bidder must have a local agent, including qualified personnel, for after-sales services.	Must meet requirement	Must meet requirement	N/A	N/A	Supporting documents as required in Section VII

Interested bidders are encouraged to monitor HTU's website for updates and announcements regarding this and other upcoming tenders.

Dr. Ismael Al-Hinti
Head of Central Tenders Committee

Annex ICB Lot 1

ICB Lot 1: Metal, Machining & Plastics (MMP) - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
1	2001	MMP	Router Cnc Machine	2
2	2002	MMP	Industrial Robot Integrated With Cnc Machines Assembly Unit	2
3	2003	MMP	Fiber Laser Cnc Machine	4
4	2004	MMP	Plasme Cnc Machine	4
5	2005	MMP	Wire Cut Cnc Machine	2
6	2006	MMP	Die-Sinking Edm Cnc Machine	1
7	2007	MMP	Coordinate Measuring Machine Cmm	2
8	2008	MMP	Universal Testing Machine	1
9	2009	MMP	Hardness Test	1
10	2010	MMP	Roughness Test	1
11	2011	MMP	Cnc Punch	2
12	2012	MMP	Cnc Bending	2
13	2013	MMP	Workshop Tool Set	4
14	2014	MMP	Column Drilling Machine + Vice	2
15	2016	MMP	Brake Disc And Drum Lathe	1
16	2018	MMP	Bench Grinding Stone Machine	2
17	2020	MMP	15kW Diesel Generator (w/ Canopy)	1
18	2021	MMP	Stainless Steel Sink With Deep Basin	1
19	2022	MMP	High Speed Pcb Drilling Machine	1
20	2023	MMP	Pcb Board Cutter 1	1
21	2024	MMP	Surface Grinding Machine	1
22	2025	MMP	Cylindrical Grinding Machine	1
23	2026	MMP	Gear Hobber Machine	1
24	2027	MMP	Cutting Tools Mini Grinder	1
25	2028	MMP	Granite Surface Plate Withstand	1
26	2029	MMP	Consumable Materials 1	1
27	2032	MMP	Tube And Profile Rolling Machine	2
28	2033	MMP	Sheet Rolling Machine	2
29	2034	MMP	Welding Table	8
30	2035	MMP	Welding Cabin Made Of Metal From 3 Sides Combined Mig/Mag/Arc Welding	8
31	2036	MMP	Portable Tig Welding Machine 250A	5
32	2037	MMP	Welding Table 2	2
33	2038	MMP	Stationary Welding Fume Extraction System	3
34	2039	MMP	Portable Automatic Plasma Cutting Machine	2
35	2040	MMP	Hydraulic Workshop Press	1
36	2041	MMP	Granite Surface Plate With Stand	2
37	2042	MMP	Vertical Circular Saw With Runway	1
38	2043	MMP	Injection Molding Machine	1
39	2044	MMP	Mini Blown Film Extrusion Machine	1
40	2045	MMP	Blow Molding Machine	1
41	2046	MMP	3D Printer Filament Extruder	1
42	2047	MMP	Thermoforming Machine	1
43	2048	MMP	Plastic Crusher	1
44	2049	MMP	Plastic Mixer	1
45	2050	MMP	Recycling Plastic Pelletizing Granulating Machine	1
46	2051	MMP	Melt Flow Rate	1
47	2052	MMP	Gloss Meter	1
48	2053	MMP	Stretch Blow Molding Machine	1
49	2054	MMP	Plastic Film Tensile Test Machine Benchtop	1
50	2055	MMP	Rotary Tools (Dremel) For Grinding, Polishing,	10
51	2056	MMP	Stiffness – Bending and Torsion Apparatus	1
52	2057	MMP	TIG Welding Machines (Air Cooled)	6
Total (52 items)				108

Annex ICB Lot 2

ICB Lot 2: IT & Digital Media (IDM) - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
1	8001	IDM	Software Diagnosis And Repair Information	1
2	8004	IDM	Laser Printer/Scanner B/W Type 1 A4 (1Phase)	14
3	8005	IDM	Smart Board 86" Touch	3
4	8006	IDM	Embroidery Machine Software	2
5	8008	IDM	Laser Printer/Scanner B/W Type1 A4	12
6	8010	IDM	3D Printer	3
7	8011	IDM	3D Scanner	2
8	8012	IDM	Business Desktop Computer Type 3 Cad	104
9	8014	IDM	Cad Software Creo	53
10	8015	IDM	Computer-Aided Design (CAD) Software:	51
11	8016	IDM	Cad/Cam Software Artcam	40
12	8017	IDM	Cad/Cam Software Mastercam	46
13	8027	IDM	Cad/Cam -Fashion Software License (Cad 2D)	1
14	8028	IDM	Clo 3D Fashion Design Program Software License	1
15	8029	IDM	Adobe Illustrator Fashion Sketches & Flats	1
16	8030	IDM	Plotter 44" (110)Cm	1
17	8031	IDM	Color Laser Printer A4, Print, Copy, Scan	1
18	8054	IDM	Led Monitor 24"	228
19	8059	IDM	Ict Network Administration & Maintenance Suite (Room License)	1
20	8060	IDM	Gigabit Switch Manageable 24 Ports, 4 Sfp Slots Front End	8
21	8061	IDM	Router	4
22	8062	IDM	Online Ups 5Kva (For Network Cubicle And Trainer)	4
23	8064	IDM	Graphic Tablet Usb	7
24	8069	IDM	Business Desktop Computer Type 1 Gen	145
25	8072	IDM	Standard Notebook	10
26	8073	IDM	Business Desktop Computer Type 2 I T	41
27	8074	IDM	Ict Multipurpose Software Suite (Room License)	1
28	8075	IDM	Fibre Optics Sfp Modules	13
29	8076	IDM	Fibre Optics Patch Cable	21
30	8078	IDM	Patch Cable Rj45 - 1M Coloured	140
31	8081	IDM	Mobile Distribution Frame Data Rack 19"	6
32	8085	IDM	Electronic Circuit Design and Analysis Software (National Instruments)(Multisim).	1
33	8093	IDM	Standard Notebook	7
34	8095	IDM	Cnc Simulation Software + Post Processor, Classroom License	1
35	8108	IDM	Plate 'N' Sheet Development Software	19
36	8117	IDM	Cae Software Electrical Engineering Automation Studio	2
37	8118	IDM	Electronic Circuit Design And Analysis Software (National Instruments)(Multisim)	1
38	8119	IDM	Development And Simulation Software Of Electrical And Electropneumatic Circuits - Class Room License	1
39	8123	IDM	86" 4K Interactive Flat Panel Display (Ifpd)	42
40	8124	IDM	Classroom Management Software	3
41	8126	IDM	Wired Usb Headsets With Microphones	67
42	8127	IDM	Cable Management Kit (Desk Grommets, Trays, Etc.)	3
43	8128	IDM	High-Spec Desktop Computers	21
44	8130	IDM	Keyboards & Mousses	41
45	8133	IDM	Sound System (Speakers + Microphone)	1
46	8134	IDM	Wired And Wireless Internet	2
47	8136	IDM	Led Lighting For Screen Work	16
48	8137	IDM	Headphones	20
49	8138	IDM	Lighting	1
50	8139	IDM	Light+Stand+Tripod	4
51	8140	IDM	Mic Podcast	2
52	8141	IDM	Boom Microphone With Stand	2
53	8142	IDM	Boom Microphone With Stand	2
54	8143	IDM	Mirrorless Camera With 28-70Mm F/3.5-5.6 Lens And Essentials+ Kit	4
55	8144	IDM	240Gb Cfexpress 4.0 Type A Memory Card	8
56	8145	IDM	Studio Led Lights With Stands	4

Annex ICB Lot 2

ICB Lot 2: IT & Digital Media (IDM) - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
57	8146	IDM	Daylight/Rgb Led Light Panel	1
58	8147	IDM	External Flash Units For Cameras	4
59	8148	IDM	Tripods	4
60	8149	IDM	Lavalier Microphones (Wired/Wireless)	4
61	8150	IDM	Zoom H4Essential	2
62	8151	IDM	Gostream	2
63	8152	IDM	Feelworld	2
64	8153	IDM	Portable Ssd	20
65	8154	IDM	Wireless Full-Duplex Intercom System	2
66	8155	IDM	4K Hdmi Cable — 20 Ft	6
67	8156	IDM	Softbox Light Kits & Light Reflectors And Diffusers	2
68	8157	IDM	7-In-1 Portable Foldable Reflector	2
69	8161	IDM	4K Color-Accurate Monitors	7
70	8163	IDM	Floor Boxes (Power/Data)	4
71	8164	IDM	Wi-Fi 6E Access Point	1
72	8165	IDM	Green Screen Kit (Wall-Mounted)	1
73	8166	IDM	4K Camera & Lens Kit	1
74	8167	IDM	Professional Video Tripod	1
75	8168	IDM	3-Point Led Lighting Kit	1
76	8169	IDM	Shotgun Mic & Boom Stand	1
77	8170	IDM	Dynamic Podcast Mics	3
78	8171	IDM	Podcast Mixer	1
79	8172	IDM	Studio Headphones	4
80	8173	IDM	Desk Boom Arms (Podcast)	3
81	8176	IDM	Studio Monitor Speakers	2
82	8178	IDM	Adobe Creative Cloud (Annual Lab)	1
83	8210	IDM	Hdmi Monitor 28"	21
84	8313	IDM	Factory I/O 3D Simulation License	1
85	8314	IDM	Software Platform: Siemens TIA Portal (latest version) (advance or others)	1
86	8315	IDM	Microcontroller Programming Software (PIC Platform)	1
87	8316	IDM	General Programming Environment (Python / C/C++) (version type or higher)	1
88	8317	IDM	Git Version Control System (Latest Stable Version)	1
89	8318	IDM	Electronic Circuit Design and Analysis Software (National Instruments)(Multisim)	1
90	8322	IDM	General Purpose Server	4
91	8323	IDM	Network Distribution Cubicle 19" Type 1	6
92	8324	IDM	General purpose server (2nd type), 3U, 8-bay, redundant PSU, HW RAID, ~40 GB ECC, incl. monitor + install + training	1
93	8325	IDM	Firewall — FortiGate-91G + 3-yr FortiCare Premium & UTP bundle	5
94	8326	IDM	Access switch, 24-port PoE+ enterprise, stackable, 4×10GbE, cloud-managed	32
95	8327	IDM	Access switch, 48-port PoE+ enterprise, stackable, 4×25GbE, cloud-managed — quantity 3	3
96	8328	IDM	Indoor wireless access point (Wi-Fi 6/6E, enterprise)	70
97	8329	IDM	Online UPS, 10 kVA, double conversion, rack or tower, with network management card	5
98	8330	IDM	Online UPS, 3 kVA, double conversion, rack or tower, with SNMP card	9
99	8331	IDM	Rugged Tablets (IP68) & NAS Server	1
100	8332	IDM	Digital Display Stand (Tank Status)	1
101	8333	IDM	Rugged Tablet Covers	4
102	8334	IDM	Industrial 5G/LTE Router Package	1
103	8335	IDM	Specialized RAS & Lab Lighting	1
Total (103 items)				1,492

Annex ICB Lot 3

ICB Lot 3: TVET Training Systems - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
1	11001	TTS	Interactive, Pc Based Training Hardware; Basic Set	16
2	11002	TTS	Additional Hardware For Interactive Course Automotive Electrical (Test Lamp)	4
3	11003	TTS	Sensors In Motor Vehicles	4
4	11004	TTS	Sensors In Motor Vehicles	2
5	11005	TTS	Pulse Generation And Ignition Systems In Vehicles	2
6	11006	TTS	Common Rail Diesel Injection System	2
7	11007	TTS	Safe Handling Of Hv Systems	2
8	11008	TTS	Additional Hardware For Interactive Courses (Experimenter Slot 2B)	4
9	11010	TTS	Training Stand For Wheel Alignment	2
10	11011	TTS	Automatic Gearbox Model In Exploded View	1
11	11012	TTS	Avl Ditest Hv Safety 2000 Incl. Software And Training Case	4
12	11014	TTS	Training Internal Combustion Engine (Diesel Engine)	2
13	11015	TTS	Simulation System For Air Suspension Systems (Bus & Truck)	1
14	11016	TTS	Education Electrical Circuitsengineering Workshop Posters	1
15	11017	TTS	12V-300Ma Step-Down Transformer (Center Tap)	10
16	11018	TTS	Step Down Transformer 220V To 3V 100Ma	4
17	11019	TTS	Center Tapped Step Down Transformer 220V 9V-0-9V 300Ma	4
18	11026	TTS	Compact RAS System (Updated Specs)	1
19	11027	TTS	Graduated Buckets (10 L)	12
20	11028	TTS	Digital Weighing Scales (Precision)	4
21	11029	TTS	Fish Measuring Boards (60cm)	4
22	11030	TTS	Waterproof Logbooks	16
23	11031	TTS	Manual Water Samplers (Telescopic)	2
24	11032	TTS	Dissection Kits (Stainless Steel)	5
25	11033	TTS	Binocular Microscopes (Education)	2
26	11035	TTS	Touchscreen Aquarium Simulator	1
27	11036	TTS	Virtual Reality Integration Stand	1
28	11042	TTS	Training Board Fundamentals Of Electrical Engineering/Electronics 8	8
29	11043	TTS	Accessories For Training Board Fundamentals 8	8
30	11044	TTS	Digital Trainer Board 8	8
31	11045	TTS	Pcb Soldering Projects - Consumables For Lead-Free Soldering Training 20	20
32	11046	TTS	Breadboard System With Components And Accessories - Analog 20	20
33	11047	TTS	Breadboard System With Components And Accessories - Digital 20	20
34	11048	TTS	Tacho Generator	5
35	11049	TTS	Torque, Speed And Power Meter (Digital)	3
36	11050	TTS	Isolating Transformer	3
37	11051	TTS	Power Supply Turret	8
38	11052	TTS	Power Supply Dc 0-30 V/10 A Bench Type	8
39	11053	TTS	Dc Power Supply Dual 0-30 V/ 10A Each	8
40	11054	TTS	Power Supply Ac 0-250V/ 750Va Bench Type	8
41	11055	TTS	Bread Board	8
42	11056	TTS	Hydraulic Trainer Kit	1
43	11057	TTS	Process Instruments Calibrator	3
44	11058	TTS	Dc-Machine 1 Kw 220 V Trainer Kit With Plug In Banana Connection	4
45	11059	TTS	Induction Motor Slip-Ring 0.8Kw 400/230V 50-60Hz 0.8Kw , Trainer Kit With Plug In Banana Connection	2
46	11060	TTS	Synchronous Machine, 230 V Y 50 Hz 1.2 Kva X 0.8 , Trainer Kit With Plug In Banana Connection	1
47	11061	TTS	Induction Motor Squirrel Cage, 400/230V 50-60 Hz 1,1 Kw , Trainer Kit With Plug In Banana Connection	1
48	11062	TTS	Universal Motor, 220-240 V Ac-Dc 0,75 Kw Trainer Kit With Plug In Banana Connection	1
49	11063	TTS	Induction Motor, Split-Phase 0,25 Kw 230V 50-60 Hz	1
50	11064	TTS	Induction Motor, Cap. Start 230 V 50-60 Hz ,0.75 Kw, Trainer Kit With Plug In Banana Connection	1
51	11065	TTS	Induction Motor, Capacitor . Start And Run 220V 50-60 Hz,0.75 Kw, Trainer Kit With Plug In Banana Connection	1
52	11066	TTS	Dc-Machine, Cut-Away 0.5 Kw	1
53	11067	TTS	Induction Motor Squirrel Cage Cut-Away ,0.75Kw	1
54	11068	TTS	Starter Ac- And Dc-Motors	1

Annex ICB Lot 3

ICB Lot 3: TVET Training Systems - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
55	11069	TTS	Star-Delta Starter For 3-Ph Machines (Manual Switches For Motor Control	1
56	11070	TTS	Capacitive Load	1
57	11071	TTS	3-Ph Transformer Training Kit, 2 Kva	2
58	11072	TTS	1-Ph Transformer Training Kit	6
59	11073	TTS	Set Of Resistive Load	2
60	11074	TTS	Inductive Load	1
61	11075	TTS	Coupling	10
62	11076	TTS	Coupling Guard	10
63	11077	TTS	Shaft-End Guard	10
64	11078	TTS	Trainer Kit Drive Classic Control	1
65	11079	TTS	Magnetic Powder Brake Torque & Speed Detection Of Motor	1
66	11080	TTS	Load Resistor For Dc Generator	1
67	11081	TTS	Microprocessor Computer Trainer	1
68	11082	TTS	Power Electronic Devices Training Module.	1
69	11083	TTS	Inverters	1
70	11084	TTS	Electrical And Electronic Training Kit	8
71	11085	TTS	Train Experimenter	8
72	11086	TTS	Digital Fundamental Set	8
73	11087	TTS	Pressure Control Unit	1
74	11088	TTS	Flow Control Unit	1
75	11089	TTS	Level And Distance Control Unit	1
76	11090	TTS	Temperature Control Unit	1
77	11091	TTS	Industrial And Home Electrical Wiring Wall Training Kit With Cable Connection	1
78	11092	TTS	Siemens S7-1200 Plc Trainer	1
79	11093	TTS	Process Control Trainer Kit	1
80	11094	TTS	Pneumatic Control Trainer Kit	1
81	11095	TTS	Electro-Pneumatic and Mechatronics Training System with Conveyor and Closed-Loop Control	1
82	11097	TTS	Specialist Transducers:	4
83	11098	TTS	Cloud-Based AI Development Environment	1
84	11099	TTS	Microcomputer Application Kit Raspberry Pi	8
85	11100	TTS	MATLAB & Simulink software	1
86	11102	TTS	Digital Logic Trainer	8
87	11103	TTS	Op-Amp & Amplifier training kit	8
88	11104	TTS	Servo Motor Training System (Compatible with Siemens S7-1200):	2
Total (88 items)				381

Annex ICB Lot 4

ICB Lot 4: ICT, Electronics, Control and PCB Manufacturing - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
1	3001	IEC & PCB	Milli Ommeter	2
2	3003	IEC & PCB	Usb- Oscilloscope 2 Chanel Incl. Adapters 4Mm & Cabels	16
3	3004	IEC & PCB	Voltage Tester 2-Pole, Benning Duspol Analogue 12 - 1,000 V Ac/Dc, Cat Iv 600 V	2
4	3005	IEC & PCB	Soldering & Desoldering Station	2
5	3006	IEC & PCB	Inductive Current Clamp (Amp Clamp Meter)	2
6	3007	IEC & PCB	Heavy-Duty Oscilloscope (For Engine & Sensor Diagnostics)	1
7	3008	IEC & PCB	Battery Charger	4
8	3010	IEC & PCB	Single Phase Electricity Smart Meter	2
9	3011	IEC & PCB	Three-Phase Smart Meter	1
10	3012	IEC & PCB	Copper Grounding Rods	10
11	3013	IEC & PCB	4 Zone Fire Alarm Kit	1
12	3014	IEC & PCB	Automation Cabinet (PLC/HMI)	1
13	3015	IEC & PCB	Tablet Charging Dock (Lockable)	1
14	3016	IEC & PCB	Waterproof Labels	1
15	3023	IEC & PCB	Patch Panel Cat. 6+, 24 Ports	5
16	3027	IEC & PCB	Patch Cable Rj45 - 2 M Coloured	130
17	3029	IEC & PCB	Wireless Controller	2
18	3032	IEC & PCB	Patch Cable Rj45 - Workstation-Wall Socket	90
19	3034	IEC & PCB	Digital Storage Oscilloscope 30 Mhz, 2 Channel	12
20	3035	IEC & PCB	Network Cable Tester	4
21	3036	IEC & PCB	Electronics & Fine Mechanics Tool Kit	18
22	3037	IEC & PCB	Industrial Soldering Station 80W	18
23	3042	IEC & PCB	Splice Box 12Xst	3
24	3043	IEC & PCB	Plug-In Components: Set Of Accessories For Electronic Circuits Board 8	8
25	3044	IEC & PCB	Microcontroller Development Kit Arduino	20
26	3045	IEC & PCB	Microcomputer Application Kit Raspberry Pi 4B	20
27	3046	IEC & PCB	Set Of Safety Measuring Leads, 4 Mm	12
28	3047	IEC & PCB	Cable Holder Lab	4
29	3048	IEC & PCB	Power Supply System Lab 1 230/400V 16A	4
30	3049	IEC & PCB	Power Supply Dc 0-30V/5A Bench Type	4
31	3050	IEC & PCB	Power Supply Dc 2 X 0-30V/2A	8
32	3051	IEC & PCB	Function Generator 10 Mhz - Stand-Alone	8
33	3052	IEC & PCB	Mains Supply Panel Type 3Ac	8
34	3053	IEC & PCB	Mains Supply Panel Type 1Ac	8
35	3054	IEC & PCB	Cee Socket Panel 3Hu	2
36	3055	IEC & PCB	Voltage And Continuity Tester	16
37	3057	IEC & PCB	Network Cable Tester	1
38	3060	IEC & PCB	Tool Kit Electrical Installation	2
39	3061	IEC & PCB	Ip Controlled Input/Output Device	20
40	3062	IEC & PCB	Solder For Electronic Work	5
41	3063	IEC & PCB	Pcb Stripboard Pitch 2.54	100
42	3064	IEC & PCB	Pcb Stripboard Pitch5.08	100
43	3065	IEC & PCB	Inspection Camera (Portable)	2
44	3067	IEC & PCB	Exhaust Gas Analyser	2
45	3068	IEC & PCB	Humidity Tester	1
46	3069	IEC & PCB	Color Measurement Instrument	1
47	3070	IEC & PCB	Installation Tester	10
48	3071	IEC & PCB	Circuit Testers	10
49	3072	IEC & PCB	Digital Oscilloscope	14
50	3074	IEC & PCB	Set Of Bridge Plugs	10
51	3075	IEC & PCB	Wattmeter 1Ph	9
52	3076	IEC & PCB	Power Factor Meter	3
53	3077	IEC & PCB	Frequency Meter, 46 - 54 Hz	3
54	3078	IEC & PCB	Wattmeter 3 Phase	3
55	3079	IEC & PCB	Digital Storage Oscilloscope 100 Mhz, 2 Channel	8
56	3080	IEC & PCB	100 Mhz Dual Trace Oscilloscope With Storage	8
57	3081	IEC & PCB	Digital Clamp Meter	8

Annex ICB Lot 4

ICB Lot 4: ICT, Electronics, Control and PCB Manufacturing - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
58	3082	IEC & PCB	Digital Tachometer	9
59	3084	IEC & PCB	Insulation Tester-Megger	5
60	3086	IEC & PCB	Function Generator Digital Display, 10M Hz, 25 V Peak To Peak, Sensitivity 1 Mhz	8
61	3088	IEC & PCB	Alligator Clip wires, Banana plug cables, BNC cables	144
62	3089	IEC & PCB	Cable holder Lab	8
63	3090	IEC & PCB	LCR Digital meter	16
64	3093	IEC & PCB	Network cabinet	2
65	3094	IEC & PCB	Network cable	4
66	3095	IEC & PCB	Wireless access point	5
67	3096	IEC & PCB	Crimping Tool (Bootlace/Ferrule)	1
68	3098	IEC & PCB	Stepper motor trainer kit :	2
69	3099	IEC & PCB	Set of Digital and Analogue IC Testers	2
70	3100	IEC & PCB	Microcontroller Development Kit Arduino	10
71	3101	IEC & PCB	Experimental Board - Microcontroller Applications	10
72	3102	IEC & PCB	PIC24F Starter Kit – Concise Technical Specification	10
73	3103	IEC & PCB	PLC siemens S7-1200 Training Kit	10
74	3104	IEC & PCB	Modular PLC Unit (S7- 1500)	5
75	3105	IEC & PCB	Variable frequency Drive (VFD) Kit	4
76	3106	IEC & PCB	Industrial 6-Axis Robotic Arm	1
77	3107	IEC & PCB	Delta X1 Develop Kit	1
78	3108	IEC & PCB	Process Control Training Plant	2
79	3109	IEC & PCB	Industrial Networking Kit	5
80	3110	IEC & PCB	Temperature Transducers Training kit	5
81	3111	IEC & PCB	Function generator	9
82	3112	IEC & PCB	Universal Device Programmer:	1
83	3114	IEC & PCB	DC Power Supply	5
84	3115	IEC & PCB	Breadboards	5
85	3116	IEC & PCB	Breadboard wires	5
86	3117	IEC & PCB	Resistors Kit	5
87	3118	IEC & PCB	Capacitors Kit	5
88	3119	IEC & PCB	Transistors Kits	5
89	3120	IEC & PCB	Inductors Kit	5
90	3121	IEC & PCB	Diodes Kit	5
91	3122	IEC & PCB	LEDs Kit	5
92	3123	IEC & PCB	Relays Kits	5
93	3124	IEC & PCB	555 Timers	5
94	3125	IEC & PCB	Regulators	5
95	3126	IEC & PCB	Bridge rectifier	5
96	3127	IEC & PCB	Resistors Kit	1
97	3128	IEC & PCB	Resistors common values	1
98	3129	IEC & PCB	Capacitors Kit	1
99	3130	IEC & PCB	Capacitors common values	1
100	3131	IEC & PCB	Inductors Kit	1
101	3132	IEC & PCB	Potentiometers	1
102	3133	IEC & PCB	Varistors	1
103	3134	IEC & PCB	Transistors Kits	1
104	3135	IEC & PCB	Diodes Kit	1
105	3136	IEC & PCB	LEDs Kit	1
106	3137	IEC & PCB	Timers	1
107	3138	IEC & PCB	Fuses	1
108	3139	IEC & PCB	Temperature / Humidity Sensors	1
109	3140	IEC & PCB	Motion/PIR Sensors	1
110	3141	IEC & PCB	Distance / Proximity Sensors	1
111	3142	IEC & PCB	Accelerometers	1
112	3143	IEC & PCB	Magnetic / Hall Effect Sensors	1
113	3144	IEC & PCB	Pressure Sensors	1
114	3145	IEC & PCB	Optical / Light Sensors	1

Annex ICB Lot 4

ICB Lot 4: ICT, Electronics, Control and PCB Manufacturing - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
115	3146	IEC & PCB	Relays Kits	1
116	3147	IEC & PCB	Flux	1
117	3148	IEC & PCB	ESD Flooring + Mats + Straps	1
118	3149	IEC & PCB	Ultrasonic Cleaner	2
119	3150	IEC & PCB	Adjustable PCB Holder	5
120	3151	IEC & PCB	Digital multimeter	5
121	3152	IEC & PCB	Microscope	5
122	3153	IEC & PCB	Oscilloscopes	5
123	3154	IEC & PCB	Function Generator	5
124	3155	IEC & PCB	Magnifying lens	5
125	3156	IEC & PCB	Breadboard power supply	5
126	3157	IEC & PCB	Potentiometers	5
127	3158	IEC & PCB	Buttons kit	5
128	3159	IEC & PCB	Seven darlington arrays	5
129	3160	IEC & PCB	Opto couplers	5
130	3161	IEC & PCB	Step down module	5
131	3162	IEC & PCB	SMD to TH adapters	5
132	3163	IEC & PCB	Double-layer and Single-layer Fiber PCB	50
133	3164	IEC & PCB	Manual guillotine metal shear tool	1
134	3165	IEC & PCB	Steel wool	6
135	3166	IEC & PCB	Disposable Chemical-resistant Gloves	4
136	3167	IEC & PCB	CCL Anti-Etching PCB Circuit Board Ink Marker	5
137	3168	IEC & PCB	Photosensitive dry film	2
138	3169	IEC & PCB	Laminating machine	1
139	3170	IEC & PCB	PCB Etching Station	2
140	3171	IEC & PCB	Sodium Persulfate	3
141	3172	IEC & PCB	Sodium carbonate	3
142	3173	IEC & PCB	Sodium Hydroxide	2
143	3174	IEC & PCB	PH indicator strips packs	6
144	3175	IEC & PCB	PCB CNC Plotter	1
145	3176	IEC & PCB	Fiber laser engraving machine	1
146	3177	IEC & PCB	Liquid Tin	4
147	3178	IEC & PCB	Tin Dipping Machine for PCB	1
148	3179	IEC & PCB	Electroless & Electroplating Bench	1
149	3180	IEC & PCB	Chemical Set for Through-Hole Plating	1
150	3181	IEC & PCB	Multilayer Press machine	1
151	3182	IEC & PCB	Vertical Innerlayer Adhesion Promotion System	1
152	3183	IEC & PCB	Solder mask UV ink	3
153	3184	IEC & PCB	UV-Curable Legend Ink for PCB Silkscreen	1
154	3185	IEC & PCB	Silkscreen Epoxy-based ink	1
155	3186	IEC & PCB	Silkscreen and Soldermask printing machines	3
156	3187	IEC & PCB	Packing machine	1
157	3188	IEC & PCB	PnP Machine	1
158	3189	IEC & PCB	Reflow oven	1
159	3190	IEC & PCB	Stencils	1
160	3191	IEC & PCB	Flying Probes	1
161	3192	IEC & PCB	Desktop AOI	1
162	3193	IEC & PCB	Ferrite beads	1
163	3194	IEC & PCB	Common Mode Chokes (CMC)	1
164	3195	IEC & PCB	Regulators	1
165	3196	IEC & PCB	SMPS regulators	1
166	3197	IEC & PCB	Operational Amplifiers (Op-Amps)	1
167	3198	IEC & PCB	Logic Gates	1
168	3199	IEC & PCB	I/O Expanders	1
169	3200	IEC & PCB	Optocouplers / Optoisolators	1
170	3201	IEC & PCB	Seven darlington arrays	1
171	3202	IEC & PCB	Crystals	1

Annex ICB Lot 4

ICB Lot 4: ICT, Electronics, Control and PCB Manufacturing - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
172	3203	IEC & PCB	Ceramic Resonators Kit	1
173	3204	IEC & PCB	DAC/ADC	1
174	3205	IEC & PCB	Flip Flops	1
175	3206	IEC & PCB	Counters	1
176	3207	IEC & PCB	BCD-7Segment Decoders	1
177	3208	IEC & PCB	ESP8266 MCUs	1
178	3209	IEC & PCB	ESP32 MCUs	1
179	3210	IEC & PCB	RP2040 MCU	1
180	3211	IEC & PCB	ST MCUs	1
181	3212	IEC & PCB	Microchip MCUs	1
182	3213	IEC & PCB	Flash memory	1
183	3214	IEC & PCB	Real-Time Clock (RTC)	1
184	3215	IEC & PCB	Bluetooth/WiFi Modules	1
185	3216	IEC & PCB	RF Modules/Chips	1
186	3217	IEC & PCB	USB-to-Serial Bridge	1
187	3218	IEC & PCB	Ethernet ICs	1
188	3219	IEC & PCB	RS485 ICs	1
189	3220	IEC & PCB	RS232 ICs	1
190	3221	IEC & PCB	Pin headers	1
191	3222	IEC & PCB	JST Connectors	1
192	3223	IEC & PCB	Wire to Board Terminal Blocks	1
193	3224	IEC & PCB	Plug-in / Removable Terminal Blocks	1
194	3225	IEC & PCB	USB Connectors	1
195	3226	IEC & PCB	Power Connectors	1
196	3227	IEC & PCB	BNC / SMA	1
197	3228	IEC & PCB	TRS Audio Connectors	1
198	3229	IEC & PCB	Battery Holders	1
199	3230	IEC & PCB	Fuse Holders	1
200	3231	IEC & PCB	Switches	1
201	3232	IEC & PCB	Buzzers	1
202	3233	IEC & PCB	Glue / Adhesive	1
203	3234	IEC & PCB	Kapton Tape (Polyimide Tape)	1
204	3235	IEC & PCB	Stencil Cleaning Supplies	1
205	3236	IEC & PCB	Conformal Coating	1
206	3237	IEC & PCB	Prepreg and copper foil	1
207	3238	IEC & PCB	Epoxy Silkscreen Curing Oven	1
208	3239	IEC & PCB	Conductive Polymer Direct Metallization Bench	1
209	3240	IEC & PCB	Post-Plating Dryer	1
210	3241	IEC & PCB	Chemical Set for Conductive Polymer Through-Hole Plating	1
211	3242	IEC & PCB	Plastic boxes (24 plastic boxes)	2
212	3243	IEC & PCB	Glass container	4
213	3244	IEC & PCB	Glass funnel (Lab Borosilicate Glass Funnels, 100mm (170mm Length)	2
214	3245	IEC & PCB	Glass bottle (Borosilicate glass bottle with capacity of 2L; wide mouth)	2
215	3246	IEC & PCB	Sampling spoon	3
216	3247	IEC & PCB	Glass rods (Material: Borosilicate Glass; Length: 12"; Diameter: 6mm;	5
217	3248	IEC & PCB	Glass Beakers Set	1
218	3249	IEC & PCB	Solderpaste for production	1
219	3250	IEC & PCB	Lab Stool (Adjustable Height, Without Castors)	16
220	3251	IEC & PCB	Plastic container (200 x 120 x 30 mm)	8
221	3252	IEC & PCB	Chemical Scrubber / Extract-Air Treatment System for the Chemical Room	1
222	3253	IEC & PCB	Electrical Safety & Wiring Pkg	1
Total (222 items)				1,408

Annex ICB Lot 5

ICB Lot 5: Furniture Items - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
1	7001	FI	Swivel Work Chair Type 1, Beech	603
2	7002	FI	Swivel Chair Type 2 (Fabric & Mesh)	147
3	7006	FI	Folding Whiteboard Mobile	2
4	7007	FI	Workbench With Drawers	2
5	7008	FI	Swing Door Steel Cabinet (H2000 X W1000 X W500 Mm)	51
6	7009	FI	W/7-Drawer Tool Trolley - 261Pcs Mechanics	1
7	7010	FI	Ironing Board (Table)	4
8	7013	FI	Sled-Base Student Chair (Beech)	32
9	7016	FI	Hands-Free Machine Chair	5
10	7017	FI	Adjustable-Height Workbenches	1
11	7020	FI	Industrial Workshop Table (2000 X 1000 Mm)	10
12	7021	FI	Workshop Table With Two Vise	7
13	7022	FI	Rubber Mat	1
14	7024	FI	Basic Electric bench	9
15	7027	FI	Waste Bin (Standard Office/Classroom)	16
16	7028	FI	Universal Pc Table, Rectangular 1200 X 800 X 750 Mm (W X D X H)	57
17	7030	FI	Mobile Storage Container (1000 X 600 Mm)	13
18	7031	FI	Heavy-Duty Double-Drawer Lateral Filing Cabinet	5
19	7033	FI	Student Workbench Construction, Metal Work	16
20	7038	FI	Pin Board, Mobile	8
21	7050	FI	Special Plastic Waste Containers	3
22	7051	FI	Door Lock	4
23	7052	FI	Sliding Door	1
24	7056	FI	Ergonomic Sled-Base Chair With Armrests (Beech)	5
25	7057	FI	Sewing Machine Chair Without Arms	31
26	7058	FI	Cutting Table (120*200*90) Cm	2
27	7061	FI	Pc Table 800 X 800 X 750 Mm (W X D X H)	27
28	7065	FI	Mobile Magnetic Whiteboard (1600 X 1000 (W X H)	43
29	7066	FI	Cork Pinboard (120X90)	2
30	7067	FI	Heavy-Duty Student Locker Unit (8 Compartments)	21
31	7081	FI	Industrial Stackable & Hangable Storage Bins (Parts Bins)	11
32	7082	FI	Large Soil Mixing Trays	10
33	7083	FI	Soil Sifters	5
34	7084	FI	Grafting Tapes And Clips	5
35	7085	FI	Pruning Saws	16
36	7086	FI	Gardening Gloves	10
37	7087	FI	Ropes And Ties	7
38	7089	FI	Fire Extinguisher 6Kg Dry Chemical Powder	2
39	7090	FI	Plastic Bags For Plants	50
40	7091	FI	Plant Sleeves	1
41	7092	FI	Cardboard Boxes	10
42	7093	FI	Pest Identification Chart	1
43	7094	FI	System Table Pc 1 (W1500 X D800 X H750)	12
44	7097	FI	Bar Table (700 X 1100 Mm)	19
45	7100	FI	Pc Table (1000 X 900 Mm, 750Mm)	78
46	7104	FI	Recycling Bin	2
47	7106	FI	System Table Pc Type Lab 1 (1800 X 800 Mm)	8
48	7107	FI	Mobile Storage Container (420 X 600 Mm)	5
49	7109	FI	Mobile Storage Container (800 X 500 Mm)	2
50	7110	FI	Conference Table (Trapezoid)	4
51	7114	FI	Lab Stool (Adjustable Height, With Castors)	63
52	7118	FI	Flipchart	1
53	7122	FI	Training System Workbench Beech/Steel 1200 X 900 Mm - Perforated Metal Frame 4	2
54	7123	FI	Workshop Table With 4 Vises	2
55	7134	FI	Steel Cabinet (700 X 700 X 850 Mm)	10
56	7135	FI	Hexagonal Workbench With Drawers	9
57	7140	FI	Integrated Office System Table (1500 X 800 X 750)	13

Annex ICB Lot 5

ICB Lot 5: Furniture Items - Annex 1A: Bill of Quantities (BoQ)

Supply, Installation and Commissioning of TVET Equipment for VTIs Jordan

Sr. No.	Item ID	Item Code	Item Name	Quantity
58	7141	FI	Litter Bin Flap Self-Closing, Fire + Odour Retardant 65 Litre	21
59	7142	FI	Laboratory Trolley For Demonstration Stand	8
60	7167	FI	Heavy-Duty Workbenches	1
61	7171	FI	Pc Table (W =1200Mm D = 800 H = 750 Mm)	1
62	7176	FI	Waste Bin	8
63	7182	FI	Bench Technical	8
64	7183	FI	Equipment Shelf	2
65	7185	FI	Laboratory Cabinet خزانة عدة حديد و جوارير عدة	3
66	7186	FI	Stationary Laboratory Cabinet for Electrical Machines.	2
67	7192	FI	Triple Pc Table Students 2500X800X750 (Wxdxh)	6
68	7193	FI	Double Pc Table Students 1500X800X750 (Wxdxh)	24
69	7194	FI	Standard Single Student Desk (700 X 500 X 750) - W X D X H	405
70	7196	FI	Universal Pc Table (1000 x 900 x 750)	23
71	7197	FI	Adjustable Ergonomic Chairs	44
72	7200	FI	Discussion Table (200Cm X 300Cm)	1
73	7201	FI	Lecture Chair	16
74	7202	FI	Storage Shelves/Cabinets	2
75	7203	FI	Window Blinds	12
76	7204	FI	Octagonal Softbox,	2
77	7205	FI	Portable Green Screen	1
78	7206	FI	Pentagonal Tables (5-Person)	4
79	7208	FI	Flexible Work Bar (Wall Counter)	2
80	7209	FI	Ergonomic Stools (Work Bar)	6
81	7210	FI	Focus Nook Armchairs	4
82	7211	FI	Professional Acoustic Media Nook	2
83	7212	FI	Mobile Instructor Lectern	1
84	7215	FI	Large Editing Desks	2
85	7216	FI	Editing Ergonomic Chairs	4
86	7217	FI	Professional Podcast Table (Kidney/Clover Shape)	1
87	7218	FI	Studio Podcast Chair (Acoustically Silent)	3
88	7220	FI	Acoustic Treatment Package	1
89	7222	FI	Flammable Safety Cabinet (Chemicals)	5
90	7223	FI	ESD-Safe Reinforced Steel Locker	2
91	7224	FI	Chemical-resistant recycling bin	2
92	7225	FI	Industrial Workshop Table (2000 X 1000 Mm)	7
93	7226	FI	Electrostatic Discharge (ESD) Workbench	10
94	7227	FI	Hand Sanitizer Dispenser	6
95	7228	FI	Manual Pressure Sprayers (Small And Medium Sizes)	5
96	7229	FI	Electric Pesticide Sprayer	3
97	7230	FI	Hand Pruners	5
98	7231	FI	Long-Reach Pruning Shears	5
99	7233	FI	Packaging Tables	7
100	7234	FI	Metal Shelving Units	4
101	7235	FI	Student Tablet Arm Chair (Polypropylene & Chrome)	62
102	7236	FI	Heavy-Duty Horticulture Workshop Table	5
103	7237	FI	Mobile Multimedia Instructor Station	5
104	7238	FI	Modular Student Desks (Double)	8
105	7239	FI	Instructor Desk & Swivel Chair	1
106	7240	FI	Fixed Magnetic Whiteboard (120x90)	1
107	7241	FI	Fire-resistant Filing Cabinet (4 Dr)	1
108	7242	FI	Classroom Wall Clock	1
109	7243	FI	QR-labeled Student Desk Plates	18
110	7244	FI	Mobile Folding Tables (Outdoor)	2
111	7245	FI	Mini Library Content (Manuals)	1
112	7246	FI	Spare Parts Reserve Bin System	1
113	7247	FI	Waterproof SOP Panels	22
Total (113 items)				2,296