



Broj: JN1 11-03-26-282-4/25
Sarajevo, 01.12.2025. godine

Na osnovu člana 64. stav (1) tačka b), člana 90. i člana 70. stav (1), (3) i (6) Zakona o javnim nabavkama („Službeni glasnik BiH“ broj: 39/14, 59/22 i 50/24), Prečišćenog Privremenog Plana javnih nabavki za MO i OS BiH za 2025. godinu od 18.10.2025. godine, Referata broj: JN1 11-03-26-282-3/25 od 31.10.2025. godine i Službene zabilješke od 31.10.2025. godine
d o n o s i :

ODLUKU
o izboru najpovoljnijeg ponuđača

I

Prihvata se ponuda ponuđača „Spectro Scientific“, broj: Q-32491 od 10.09.2025. godine, za nabavku potrošnog materijala za laboratorijsku analizu ulja iz sklopova helikoptera, šifra po JRJN 38000000-5 pod nazivom: Laboratorijska, optička i precizna oprema (osim naočala), ekonomski kod 613423, za ponuđenu cijenu od **2.172,00 USD**.

II

Direktni sporazum sa ponuđačem iz tačke 1. smatra se zaključenim donošenjem ove Odluke, koja u ovom postupku ima pravno dejstvo Ugovora.

III

Procijenjena vrijednost javne nabavke iznosi 5.982,91 KM bez PDV-a, odnosno 7.000,00 KM sa PDV-om.

IV

Za izvršenje ove odluke zadužuje se Odsjek za održavanje, Sektora za nabavku i logistiku.

V

Novčana sredstva za plaćanje nabavke osiguravaju se iz Odluke o privremenom finansiranju institucija BiH i međunarodnih obaveza BiH/Budžeta institucija BiH za 2025. godinu, sa ekonomskog konta broj 613423 putem Sektora za finansije i budžet, a u skladu s Prečišćenim privremenim planom javne nabavke MO BiH za 2025. godinu objavljen na portalu javnih nabavki dana 18.10.2025. godine (redni broj: 129) i IV izmjene PJN ID broj 438.

Zadužuje se Sektor za finansije i budžet da izvrši plaćanje potrošnog materijala za laboratorijsku analizu ulja iz sklopova helikoptera iz člana 1. ove Odluke u iznosu od **2.172,00 USD** sa ekonomskog konta 613423. Konverzija iznosa izraženog u USD vršit će se prema važećem kursu na dan uplate. Uplatu izvršiti na sljedeći račun:

- Wells Fargo bank, 4200 Montgomery Street, San Francisco, CA 94104
- Account # 4249793464
- ABA # 121000248
- Swift ID: WFBIUS6S

VI

Ova odluka objavit će se na web stranici Ministarstva obrane Bosne i Hercegovine.

VII

Ova odluka stupa na snagu danom donošenja i ista će se dostaviti svim ponuđačima u postupku javne nabavke.

O b r a z l o ž e n j e

Postupak javne nabavke pokrenut je Referatom broj: JN1 11-03-26-282-3/25 od 31.10.2025. godine. Javna nabavka je sprovedena putem direktnog sporazuma. Procijenjena vrijednost javne nabavke iznosi 5.982,91 KM bez PDV-a, odnosno 7.000,00 KM sa PDV-om.

Ispitivanje tržišta, pismeni zahtijev-prijedlog cijena izvršio je Odsjek za održavanje, Sektora za nabavku i logistiku i dostavio je ponudu ponuđača „Spectro Scientific“, broj: Q-32491 od 10.09.2025. godine, koja je u sklopu predmetnog Referata.

U postupku javne nabavke Odsjek za održavanje, Sektora za nabavku i logistiku je pravovremeno prikupio i ocijenio ponude, te odabrao ponudu ponuđača „Spectro Scientific“ od 10.09.2025. godine kao najpovoljniju.

U postupku ocjene provedenog postupka, Rukovodioc ugovornog organa nije našao razloge, nepravilnosti niti propuste u radu, koji bi eventualno bili osnov za neprihvatanje preporuke Odsjeka za održavanje, Sektora za nabavku i logistiku.

Uvidom u priloženu dokumentaciju, nesporno je da je izabrani ponuđač najbolje ocijenjen na osnovu kriterija za dodjelu ugovora – najniža cijena, koju je ponudio u ponudi broj: Q-32491 od 10.09.2025. godine.

Iz navedenih razloga, primjenom člana 64. stav (1) tačka b, člana 90 i člana 70. stav (1), (3) i (6) odlučeno je kao u dispozitivu ove odluke.

Pouka o pravnom lijeku: Protiv ove odluke nije dozvoljena žalba.

Dostaviti:

- “Spectro Scientific”
e-mail: markus.gruber@ametek.com
- Ured za odnose sa javnošću MO BiH
(objava na Web stranici),
- Sektor za finansije i budžet,
- Odsjek za održavanje,
- a/a

MINISTAR

Zukan Helez

Quote

Spectro Scientific

One Executive Drive, Suite 101
 Chelmsford, MA 01824-2563
 United States
 Phone: 978.486.0123
 Fax: 978.486.0030
 Email: sales.spectrosci@ametek.com

QUOTE TO

MoD Bosnia and Herzegovina
 Hamdije Kreševljakovića 98
 Sarajevo, 71000
 Bosnia and Herzegovina

Quote #: Q-32491
Date: Sep 10, 2025
Expiration: Dec 9, 2025
Ship incoterms: FCA Chelmsford
Payment Terms: Pre-payment before shipment
Lead Time:
Destination: Bosnia and Herzegovina
Notes: USD 80.- shipping charges applying to CIP Sarajevo Airport
Sales Rep: Markus Gruber
Email: markus.gruber@ametek.com
Phone:

Optional Accessories Options, and Consumables

ITEM	PART #	DESCRIPTION	QTY	LIST PRICE (USD)	SUB-TOTAL (USD)
1	PV1028	SPV Pipette/Cleaning Pad Kit of 500	1	USD 364.00	USD 364.00
2	PV1012	SPV Pipette/Cleaning Pad Kit of 100	5	USD 77.00	USD 385.00
3	MHM-10605	Syringe, 10ml Plastic Non-Hypo, Qty 100, Test 1	1	USD 120.00	USD 120.00
4	000-00025	Filtergram for Hydraulic/Aviation, 50 Pack	1	USD 347.00	USD 347.00
5	600-00173	FieldLab58 Verification Fluid, 200ml	2	USD 438.00	USD 876.00

Shipping

ITEM	PART #	DESCRIPTION	QTY	LIST PRICE (USD)	SUB-TOTAL (USD)
1	Shipping	Shipping charge	1	USD 80.00	USD 80.00

QUOTE TOTAL: USD 2,172.00

Ametek Spectro Scientific One Executive Drive, Suite 101 Chelmsford, MA 01824-2563 United States	Phone: 978.486.0123 Fax: 978.486.0030 Email: sales.spectrosci@ametek.com Website: www.Spectrosci.com			
Fluid Analysis Business				

OPERATING VOLTAGE & FREQUENCY - Operating voltage and frequency based on end country destination

INSTALLATION & TRAINING (IF QUOTED) - Performed by Authorized Service Team

SITE REQUIREMENTS – Sent with sales order acknowledgement.

HELPFUL PHONE NUMBERS & EMAIL ADDRESSES:

Sales	sales.spectrosci@ametek.com
Consumables	consumables.spectrosci@ametek.com
Parts	parts.spectrosci@ametek.com
Service & Support	support.spectrosci@ametek.com
Applications:	applications.spectrosci@ametek.com

PO REQUIREMENTS

The following list is the required elements on a customer PO.

1. Vendor name: Spectro Scientific, Inc. 1 Executive Drive, Chelmsford, MA 01824 USA
2. Ship To Name and address and contact information.
3. Bill To Name and address and contact information, end user if applicable
4. PO number
5. Payment Term: must match with the term set up for customer.
6. Incoterm and Delivery method: FCA Origin (shipping Point/ Factory/ Chelmsford)
7. Tax Status (Domestic)
8. Products
9. Quantity
10. Pricing
11. Due Date: must be working date, all lines must be on the same date except partial shipment allowed
12. Quote number if available

PAYMENT TERMS AND CONDITIONS

Credit approval required for new customer, please provide credit references with purchase order.

Remit electronic payment via Wire or ACH to:

Wells Fargo Bank
4200 Montgomery Street
San Francisco, CA 94104

Account # 4249793464
ABA #121000248
Swift ID: WFBIUS6S

Ametek Spectro Scientific
One Executive Drive, Suite 101
Chelmsford, MA 01824-2569
United States

Phone: 978.486.0123
Fax: 978.486.0030
Email: sales.spectrosci@ametek.com
Website: www.Spectrosci.com



Fluid Analysis Business

AMETEK, Inc.
TERMS AND CONDITIONS OF SALE

THE FOLLOWING TERMS/CONDITIONS, TOGETHER WITH ANY OTHER TERMS/CONDITIONS SPECIFICALLY AGREED TO IN WRITING BY SELLER, SHALL APPLY TO ALL ORDERS ("Order(s)") FROM, AND SALES OF PRODUCTS ("Products") OR SERVICES ("Services") TO BUYER. ANY ACCEPTANCE OF ANY ORDER OF BUYER IS CONDITIONED UPON THESE TERMS/CONDITIONS. ANY ADDITIONAL OR DIFFERENT TERMS/CONDITIONS PROPOSED BY BUYER IN ANY DOCUMENT ARE OBJECTED TO AND SHALL NOT BE BINDING UPON SELLER. No salesperson is authorized to bind Seller to any promise or understanding not expressed herein.

I. PRICES All prices are subject to change without notice in the event of any changes in cost of materials or labor, specifications, quantities, delivery schedules, customs duties, other factors beyond Seller's control, or in the event of delays caused by instructions of the Buyer, or failure of the Buyer to give Seller adequate information. Further, prices payable by the Buyer shall be subject to immediate increase, should the Seller as a result of governmental action or regulation including, without limitation, those contemplated by an investigation under Section 232 of the Trade Expansion Act of 1962 (19 U.S.C. §1862) or those contemplated by an investigation under Section 301 of the Trade Act of 1974 (19 U.S.C. §2411), incur additional duties, tariffs or restrictions on products sold hereunder, or on the raw materials that are used in making such products. In no event shall prices include any amounts imposed on the Buyer in connection with Buyer's purchases from Seller, such as taxes, including but not limited to Value Added Tax (VAT) or excise taxes, duties, tariffs, or any other costs assessed against the Buyer by a governmental authority. Without limiting the foregoing, all prices are subject to adjustment without notice at any time prior to shipment in the event that the prices or costs related to any component, materials, parts, or commodities utilized in the Products or Services have increased following the acceptance of any Order for any Products or Services (a "Component Adjustment"). Any Component Adjustment, as determined by Seller, shall be reflected in the invoice for Products or Services that is transmitted from Seller to Buyer in accordance with the terms and conditions hereof. Without limiting the foregoing, all prices are subject to adjustment without notice at any time prior to shipment due to increases in inflation occurring following the acceptance of any Order for any Products or Services (an "Inflation Adjustment"). The Inflation Adjustment for any Products or Services shall be made by multiplying (a) the ratio obtained by *dividing* the (i) Consumer Price Index (CPI) in place at the time of invoice by (ii) the Consumer Price Index (CPI) in effect at the time of acceptance of an Order times (b) the price or cost for any applicable Products/Services as set forth in the Order. Any Inflation Adjustment, as determined by Seller, shall be reflected in the invoice for Products or Services transmitted from Seller to Buyer in accordance with the terms and conditions hereof.

II. DELIVERY Delivery dates are approximate and are dependent on prompt receipt by Seller of all necessary information. Seller may deliver all or any part of Products/

Services as early as 30 days in advance of agreed schedule. The point of delivery shall be FCA Seller's premises, unless otherwise specified by Seller. Upon delivery, title to Products and all risk of loss or damage thereto shall pass to Buyer. Where Buyer notifies Seller that it cannot take timely delivery of the Products, Seller may place such Products in storage, at the risk of Buyer, and Buyer shall reimburse Seller for all expenses incurred in connection with such storage. Buyer shall dispose of the packing materials for Products at its own expense, and shall defend, indemnify and hold harmless Seller from any legal obligations in connection with such packing waste.

III. PAYMENT A. The term of payment shall be net 30 days from date of Seller's invoice, unless otherwise specified. Payments shall be made by Buyer without any deduction or set-off. Unless otherwise agreed, payment shall be made in U.S. dollars. Seller may charge late payment fees at the rate of 1.5% per month, or the highest rate permitted by law, whichever is less, accruing daily. B. If the financial condition of Buyer is unsatisfactory to Seller, Seller may require full or partial payment in advance, or satisfactory security, in the form of a letter of credit or otherwise. In the event of bankruptcy or insolvency of Buyer, Seller may immediately cancel any Order then outstanding. C. Buyer grants Seller a purchase money security interest in Products located in the United States, or Services, as well as any proceeds, for the purpose of securing the obligations of Buyer hereunder. Buyer authorizes Seller to execute on Buyer's behalf and file such financing statements as Seller deems appropriate to perfect and notify Buyer's creditors of Seller's security interest.

IV. VARIATIONS IN QUANTITY; CHANGES. Buyer shall accept delivery of quantities greater or smaller than the quantity specified in Order(s), provided that any such variation shall not exceed 5% of the quantity originally specified, or 2 units, whichever is greater. Seller shall not be required to give notice of any such variations other than in the applicable shipping notice and invoice. Seller reserves the option to make changes to Products or Services which do not affect form, fit, or function, and shall deliver Products to the latest configuration part number at the time of delivery. No Order may be terminated in whole or part without Seller's prior express written consent, which consent shall be in Seller's sole discretion.

V. EXPORT CONTROLS; SANCTIONS; FCPA; UKBA; ANTI-BOYCOTT AND UKCFA

A. Buyer shall not make any disposition of the Products, by way of transshipment, re-export, diversion or otherwise, except as applicable U.S. export and sanctions laws and

September 2024

regulations may expressly permit, and other than in and to the ultimate country of destination specified on Order(s) or declared as the country of ultimate destination on Seller's invoices or in the End Use Statement that Buyer supplies Seller. Seller shall submit export clearance filings based on end use and end user information that Buyer provided to Seller. Failure of Buyer to comply with the requirements specified in this section shall constitute a material default allowing Seller to cancel related Order(s) without liability.

B. Buyer warrants that it shall not violate or cause the Seller to violate the U.S. Foreign Corrupt Practices Act of 1977 (FCPA), as amended, the United Kingdom Bribery Act (UKBA) of 2010, as amended, or their respective implementing regulations in connection with Buyer's sale or distribution of the Products and/or Services. Buyer also warrants that Buyer does not know or have reason to believe that any consultant, agent, representative or other person retained by Buyer in connection with the sale and/or distribution of Products/Services has violated, nor caused Seller to violate the FCPA and/or the UKBA. Where Buyer learns of or has reason to know of any violation of FCPA and/or UKBA in connection with the sale or distribution of Products/Services, Buyer shall immediately advise Seller.

C. Buyer further warrants that Buyer shall not violate or cause Seller to violate the U.S. Antitrust Provisions of the U.S. Export Administration Regulations issued pursuant to the U.S. Export Administration Act of 1979, as amended, in connection with Buyer's purchase of Products/Services and that Buyer shall not request or require Seller to make statements or certifications against countries that are not subject to boycott by the U.S.

D. Buyer shall not facilitate tax evasion or fail to prevent tax facilitation in the UK or other countries in accordance with the requirements of the UK Criminal Facilitation Act (UKFCA).

VI. WARRANTIES A. Seller warrants that Products manufactured by Seller, when delivered, shall be free from defects in material/workmanship. Seller warrants that Services shall be performed in accordance with generally accepted industry practice. Seller's obligations under this warranty shall be limited exclusively to repairing or replacing, at Seller's option, any part of Products which, if properly installed, used and maintained, proved to have been defective in material or workmanship within 1 year from the date of shipment, or re-performing the Services. Seller warrants for a period of 1 year from the date of shipment that software or firmware, when used with Products, shall perform in accordance with Seller's published specifications. Seller makes no warranty, express or implied, that the operations of the software or firmware shall be uninterrupted or error-free, or that functions contained therein shall meet or satisfy the Buyer's intended use/requirements. Buyer shall notify

Seller of any defect in the quality or condition of Products (including software/firmware) or Services within 7 days of the date of delivery or performance, unless the defect was not apparent on reasonable inspection, in which case, within 7 days after discovery of the defect. If Buyer does not provide such timely notification, it shall not be entitled to reject Products (including software/firmware) or Services, and Seller shall have no liability for such defect.

B. Seller's warranty obligations shall not apply to Products which (1) have been altered or repaired by someone other than Seller, or (2) have been subjected to misuse, neglect, or improper use or application, or (3) are normally consumed in operation, or (4) have a normal life inherently shorter than the warranty period stated therein.

C. No Products may be returned unless authorized in advance by Seller, and then only upon such conditions to which Seller may agree. Buyer must obtain a Return Material Authorization (RMA) number from Seller prior to any return shipment, and such RMA number must appear on the shipping label and packing slip. Buyer shall be responsible for returned Products until such time as Seller receives the same at its facility, and for all charges for packing, inspection, shipping, transportation or insurance associated with returned Products.

D. This section VI sets forth the exclusive remedies and obligations for claims based upon defects in or nonconformity of Products/Services, whether the claim is in contract, warranty, tort (including negligence of any degree or strict liability) or otherwise. **THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY. NO IMPLIED OR STATUTORY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE SHALL APPLY.**

VII. PATENTS/INDEMNITY If Buyer receives a claim that Products, or part thereof manufactured by Seller infringes a patent, Buyer shall notify Seller promptly in writing and give Seller information, assistance and exclusive authority to evaluate, defend and settle such claim. Where Buyer has furnished specifications/designs for the manufacture of the allegedly-infringing Products, Buyer shall defend, indemnify and hold harmless Seller against third-party claims for infringement arising out of Seller's use of such specifications/designs.

VIII. LIMITATION OF LIABILITY

The total liability of Seller on any claim, whether in contract, tort (including negligence of any degree and strict liability) or otherwise arising out of, connected with, or resulting from the manufacture, sale, delivery, resale, repair, replacement or use of any Products/Services, shall not exceed the price allocable to the Products/Services or part thereof which gives rise to the claim. **IN NO EVENT, WHETHER AS A RESULT OF BREACH OF**

September 2024

CONTRACT, WARRANTY, TORT, (INCLUDING NEGLIGENCE OF ANY DEGREE, STRICT LIABILITY OR PATENT INFRINGEMENT) OR OTHERWISE, SHALL SELLER, ITS AFFILIATES, SUBCONTRACTORS, OR SUPPLIERS BE LIABLE FOR ANY LOSS OF PROFIT OR REVENUES, LOSS OF USE OF THE PRODUCTS OR SERVICES, OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF SUBSTITUTE GOODS, FACILITIES, SERVICES OR REPLACEMENT POWER, DOWNTIME COSTS OR CLAIMS OF BUYER'S CUSTOMERS FOR DAMAGES OR FOR ANY SPECIAL, PROXIMATE, CONSEQUENTIAL, INCIDENTAL, INDIRECT OR EXEMPLARY DAMAGES. If Buyer transfers title to, or leases Products sold hereunder to, or otherwise permits or suffers use by, any third party, Buyer shall obtain from such third party a provision affording Seller and its subcontractors/suppliers the protection of the preceding sentence. Any action against Seller must be brought within 18 months after cause of action accrues.

IX. EXCUSABLE DELAYS A. Seller shall not be liable for delays in delivery or failure to perform due directly or indirectly to causes beyond Seller's reasonable control including but not limited to: acts of God; war; terrorism; civil commotion; riots; embargoes; government regulations, export license denials, port congestion; acts of or failure to act on the part of Buyer or its agents/employees; fires; floods; sabotage; nuclear incidents; earthquakes; storms; epidemics; pandemics; government action or orders; strikes; lockouts or other labor difficulties; shortages of or inability to timely obtain proper labor, materials, components, shipping space or transportation, fuel, supplies or power at current prices; or due to limitations imposed by the extent of availability of Seller's normal manufacturing facilities.

B. If a delay excused per the above extends for more than 90 days and the parties have not agreed upon a revised basis for continuing providing Products/Services at the end of the delay, including adjustment of the price, then either party (except where delay is caused by Buyer, in which event only Seller) upon thirty (30) days' notice may terminate the Order with respect to the unexecuted portion of the Products/Services, whereupon Buyer shall promptly pay Seller its reasonable termination charges upon submission of Seller's invoices thereof.

X. SOFTWARE/TECHNICAL/PROPRIETARY INFORMATION A. Buyer shall not acquire any rights to any software which may be delivered with Products, except as granted in Seller's standard software license. Any software license granted in connection with Products shall be an interim license, which may be withdrawn, pending payment for Products in full.

B. The purchase of Products shall not include any right to supply of technical information such as drawings or specifications.

C. Proprietary information, including drawings, documents, technical data, reports, software, designs, inventions and other technical information supplied by Seller in connection herewith (hereinafter called "Data"), shall remain Seller's sole property and shall be held in confidence by Buyer. Data shall not be reproduced, used or disclosed to others by Buyer without Seller's prior written consent. Upon completion of Order, Buyer shall promptly return all Data to Seller together with all copies or reprints thereof then in Buyer's possession or control, and Buyer shall thereafter make no future use, either directly or indirectly, of any Data or any information derived therefrom without Seller's prior written consent. The foregoing shall in no way obligate Seller to provide or supply Data.

XI. DIES, TOOLS, PATTERNS Seller's charges for dies, molds, patterns and the like represent the Buyer's proportionate cost thereof, it being expressly understood that they remain the property of Seller. Modifications made to dies, molds, patterns and the like in order to manufacture Products shall be at the discretion of Seller.

XII. GENERAL A. The rights and obligations of the Buyer and Seller hereunder shall be governed in all respects by the law of the Commonwealth of Pennsylvania, U.S.A. The exclusive forum for adjudication of any disputes shall be the federal or state courts of the Commonwealth of Pennsylvania, and Buyer/Seller hereby consent to personal jurisdiction and venue in such courts in any proceeding. The United Nations Convention on the International Sale of Goods shall not apply.

B. These Terms and Conditions of Sale together with any other terms specifically agreed to in writing by Seller constitute the entire agreement between Buyer and Seller and supersede any prior or contemporaneous representations, agreements, proposals, warranties, or understandings, oral or written, express or implied. No waiver, modification, amendment, rescission or other change to these Terms and Conditions of Sale shall be binding unless specifically agreed to in writing by an authorized representative of Seller.

C. The invalidity, of any part hereof shall not affect the validity of the remainder. The failure of Seller to assert any right at any time hereunder shall not prevent Seller's subsequent assertion of the same or different rights.

D. Buyer may not assign this contract without the prior written approval of the Seller.

XIII. PROHIBITION FOR HAZARDOUS USE Buyer understands and agrees that Products sold hereunder are not intended for application in, and shall not be used by Buyer in the construction or operation of a

September 2024

nuclear installation, a nuclear facility or a nuclear reactor or in connection with use or handling of nuclear material or for any hazardous activity or critical application, where failure of a single component could cause substantial harm to persons or property, unless Products have been specifically approved by Seller for such activity or application. Seller disclaims all liability for loss or damage resulting from such unauthorized use and Buyer shall defend, hold harmless and indemnify Seller against any such liability, whether arising under breach of contract, warranty, tort (regardless of the degree of fault or negligence), strict liability or otherwise.

Where Seller approves the application of the Products in a nuclear facility, the Buyer shall, before the use or provision of such Products, execute a Nuclear Defense and Indemnification Agreement in a form acceptable to Seller.

XIV. STATUTORY REQUIREMENTS

Seller reserves the right to make any changes in the general specifications of the Products which are required for the Products to conform to any statutory requirement.

XV. GOVERNMENT CONTRACTS

Only Federal Acquisition Regulation ("FAR") supplement clauses expressly accepted in writing by Seller shall be included or incorporated by reference herein. Seller shall not be bound by and makes no representation of compliance with any FAR or FAR supplement clauses that Seller shall not have expressly accepted in writing.

XVI. INVOICE FRAUD PREVENTION

Given the increased risk of invoice fraud, Buyer should treat any notification to change details of Seller's bank account with suspicion. Seller will not inform or instruct Buyer to make remittance or money transfers to any other beneficiary, address or bank account via email. Always verify a request to update records or change bank account information BEFORE implementing a change or completing the payment. Verify any requested changes by speaking to a known Seller representative.

September 2024