SOLICITATION | CLOSED | FEDERAL

Optical Modulator (No Substitutions)

Department of Energy › Brookhaven Natl Lab -Doe Contractor

Solicitation AB484554

Closed on Nov 12, 2026 · similar open RFPs on page 5

Scan for the live page

RFP DETECTOR SCORE

High data confidence

Score at publication: 58 (C)

Frozen when the RFP closed; closed RFPs never show a live score

Fair (C, 58/100): posted today, 14 days to respond; but small typical award (~$85K).

+9.0 Freshness | −8.5 Value | +6.9 Time & stage | +4.9 Competition & access

Informational, not advice. How the score works: rfpdetector.com/methodology/score

At a glance

ESTIMATED VALUE **~$85K** Estimated: median award, FY24–FY26	SET-ASIDE **None** Full and open competition	NAICS **334516** Analytical Laboratory Instrument Manufacturing	PSC **M1HA** Product / service code
PLACE OF PERFORMANCE **Upton, New York**	POSTED **Oct 29, 2026**	RESPONSE DUE **Nov 12, 2026, 5:00 PM EST** Closed	LISTING **Official federal notice** Updated Oct 29, 2026

Our summary

Department of Energy (Brookhaven Natl Lab -Doe Contractor) posted a solicitation titled “Optical Modulator (No Substitutions)” under solicitation number AB484554. It was posted on Oct 29, 2026. The response deadline was Nov 12, 2026, 5:00 PM EST. It is classified under NAICS 334516 (Analytical Laboratory Instrument Manufacturing) and product/service code M1HA. No set-aside is listed. The place of performance is Upton, New York. The listed point of contact is Alysha Benincase.

Summary by RFP Detector.

Timeline

Blue line: today (Nov 19)



02 Score breakdown

Every RFP starts at 50. Each factor adds or subtracts points depending on how this RFP compares with a typical one, scaled by its weight and by how sure we are of the data. Unknown data has no effect.

Factor		◀ lowers the score / raises the score ▶	Points	Range
Value	ESTIMATED		−8.5	−18.0 / +18.0 w 20 · conf 80%
No value published. Typical award is about $85K: the median of 80 DOE contracts over $25K awarded in NAICS 334516, FY24–FY26.				
Competition & access	MEASURED		+4.9	−18.0 / +18.0 w 20 · conf 100%
Full and open competition. The largest recipient took 8% of these dollars in FY24–FY26, and spending is spread across many vendors.				
Issuer & market	MEASURED		−3.8	−23.4 / +12.6 w 20 · conf 100%
DOE obligated $18.9M on NAICS 334516 across 103 contracts in FY24–FY26. 24 other notices from this office in the past 12 months.				
Time & stage	MEASURED		+6.9	−14.9 / +12.2 w 15 · conf 100%
Solicitation, bids due: 14 days to respond (due Nov 12, 2026, 5:00 PM EST).				
Clarity & completeness	ESTIMATED		0.0	−18.9 / +8.1 w 15 · conf 75%
Documents not listed, named contact with email, 219-word description.				
Freshness	MEASURED		+9.0	−9.0 / +9.0 w 10 · conf 100%
Posted today.				

Starts at 50 · contributions sum to **58.5**

Score at publication **58** **(C)**

Score trend

Recorded whenever the score changes, last 30 days

Closed RFPs keep their score at publication, so there is no live trend.

Evaluated Oct 29, 2026, 1:00 PM EDT · version 1.0.0

How the score works

Value	weight 20 · −18.0 to +18.0
Competition & access	weight 20 · −18.0 to +18.0
Issuer & market	weight 20 · −23.4 to +12.6
Time & stage	weight 15 · −14.9 to +12.2
Clarity & completeness	weight 15 · −18.9 to +8.1
Freshness	weight 10 · −9.0 to +9.0

Measured data counts fully, estimated data counts less, unknown data counts zero. Grades: A 80–100 · B 65–79 · C 50–64 · D 35–49 · F 0–34. Data confidence (92/100) is how much of the score rests on measured data.

Full methodology: rfpdetector.com/methodology/score

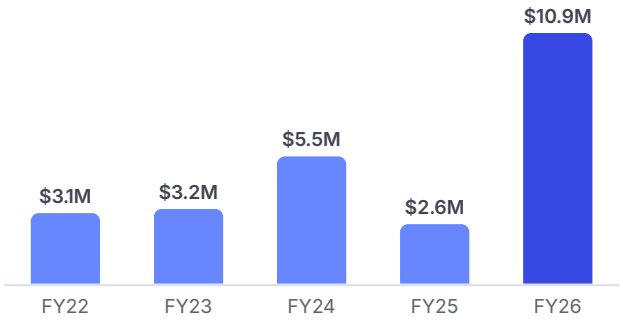
03 Market intelligence

Federal contract awards for Department of Energy, NAICS 334516. Award counts and sizes cover new awards in FY24–FY26; dollars are obligations in the same window.

CONTRACTS AWARDED	TOTAL OBLIGATED	MEDIAN AWARD OVER $25K
103	**$18.9M**	**$85K**
New awards, FY24–FY26	Obligated FY24–FY26	80 awards above $25K

Obligations by fiscal year

Department of Energy, NAICS 334516



Award size

DOE NAICS 334516 contracts, FY24–FY26 (log scale)



For reference, the typical federal contract award above $25K across all agencies is about $69K.

Largest recipients in this market

Share of obligated dollars, FY24–FY26

1	Mr Solutions Inc	$1.5M	8%
2	Fei Company	$1.3M	7%
3	New England Research, Inc.	$1.2M	6%
4	Perkinelmer U.S. LLC	$1.1M	6%
5	Geotek Limited	$863K	5%

These are the largest recipients across this agency and NAICS code, not the incumbent of this RFP. Concentration feeds the Competition & access factor.

How this market feeds the score

Value	Competition & access	Issuer & market
−8.5	+4.9	−3.8
Small typical award (~$85K)	Full and open	Limited award history ($18.9M FY24–FY26)

Federal award history: contract award types A–D, FY24–FY26, updated Nov 13, 2026.

04 Requirements & logistics

Facts from the notice. Confirm every requirement and date on the official notice before responding.

Eligibility

SET-ASIDE

Full and open competition: any responsible business may respond.

NAICS

334516 Analytical Laboratory Instrument Manufacturing

PRODUCT / SERVICE CODE

M1HA

Place & submission

PLACE OF PERFORMANCE

Upton, New York

HOW TO SUBMIT

As instructed in the official solicitation

OFFICIAL SOLICITATION

Open the official solicitation at rfpdetector.com (free account)

Contacts

Alysha Benincase · primary
abenincas@bnl.gov

Documents

No documents are listed on the notice.

Open the official solicitation at rfpdetector.com (free account)

This RFP is closed

Responses are no longer accepted, so the response checklist is omitted. The facts above stay available for reference and for similar bids; see similar open RFPs and more from this issuer on page 5.

05 Related RFPs

Open RFPs with the same NAICS industry group or category (same state first, then by score), and more from this issuer. Each title links to its page on RFP Detector.

Similar open RFPs

- B | 69 **SPN-50 FY27 EDM Contract**
  Department of the Navy · Due Nov 30
- C | 62 **TopSil Wafers**
  Department of Energy · Due Dec 7
- C | 61 **FMS Kuwait Repair of NSN: 5865-LL-F02-N025 | NOM: BEAM FORMING NETWORK | PN: 8532222-1 | ...**
  Department of the Navy · Due Dec 3
- C | 60 **Supply Blanket Purchase Agreement (Hardware)**
  Department of the Army · Due Jan 16
- C | 58 **SYNOPSIS W911SD-27-Q-A014 – USMA West Point APFU GYM-A Shirts**
  Department of the Army · Due Dec 1

More from Brookhaven Natl Lab -Doe Contractor

- D | 46 **Booster Pol TAL Drive Mtr or its equivalent**
  Department of Energy · Due Nov 20
- F | 34 **Ultra-High Vacuum Suitcase**
  Department of Energy · Due Nov 20
- F | 22 **Radio Detection Kit with Accessories - No Alternatives**
  Department of Energy · Due Nov 23
- D | 40 **MCS2 Sensor Modules & Power Supplies, No Equivalents or Substitutions**
  Department of Energy · Due Nov 24

Data and as-of times

Notice data	Official federal notice, first seen Nov 13, 2026, updated Oct 29, 2026
Market data	Federal award history, contract award types A–D, FY24–FY26, updated Nov 13, 2026
Score	RFP Detector Score v1.0.0, evaluated Oct 29, 2026, 1:00 PM EDT (score at publication, frozen)
Report	ID 1f7b3b73126cb30f5d95 · generated Nov 19, 2026, 11:09 AM EST
Official notice	Open the official solicitation at rfpdetector.com (free account)

DISCLAIMER

RFP Detector is an independent service and is not affiliated with any government agency or with the organisation that issued this RFP. This report is generated automatically from publicly available information. The RFP Detector Score, estimates and market statistics are informational and may be incomplete or out of date; they are not legal, financial or bidding advice and do not predict any award. Always rely on the official solicitation and its documents, and confirm every date and requirement with the issuer before responding.