COMBINED SYNOPSIS/SOLICITATION | OPEN | FEDERAL

Silicon solid-state detector or equivalent

Department of Energy › Ornl Ut-Battelle Llc-Doe Contractor

Solicitation RFQ515061

Scan for the live page

RFP DETECTOR SCORE

C
53

Fair · 53 / 100

Medium data confidence

Fair (C, 53/100): new this week, active market ($529M FY24–FY26); but small typical award (~$53K).

+9.0 Freshness | −6.8 Value | +3.6 Issuer & market | −2.6 Competition & access

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

At a glance

ESTIMATED VALUE	SET-ASIDE	NAICS	PSC
~$53K Estimated: median award, FY24–FY26	None Full and open competition	334413 Semiconductor and Related Device Manufacturing	5961 Product / service code
PLACE OF PERFORMANCE	**POSTED**	**RESPONSE DUE**	**LISTING**
Oak Ridge, Tennessee	Nov 20, 2026	Nov 30, 2026, 5:00 PM EST 8 days left	Official federal notice Updated Nov 20, 2026

Our summary

Department of Energy (Ornl Ut-Battelle Llc-Doe Contractor) posted a request for quotations titled “Silicon solid-state detector or equivalent” under solicitation number RFQ515061. It was posted on Nov 20, 2026. Responses are due Nov 30, 2026, 5:00 PM EST. It is classified under NAICS 334413 (Semiconductor and Related Device Manufacturing) and product/service code 5961. No set-aside is listed. The place of performance is Oak Ridge, Tennessee. The listed point of contact is Brooke Ellis.

Summary by RFP Detector.

Timeline

- **Posted** Nov 20
- **Response due** Nov 30
- **Archive** Dec 1

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		−6.8	−18.0 / +18.0 w 20 · conf 50%
No value published. Typical award is about $53K: the median of 1,397 federal contracts over $25K awarded in NAICS 334413, FY24–FY26.				
Competition & access	ESTIMATED		−2.6	−18.0 / +18.0 w 20 · conf 78%
Full and open competition. The largest recipient took 50% of these dollars in FY24–FY26, so expect a strong incumbent.				
Issuer & market	ESTIMATED		+3.6	−23.4 / +12.6 w 20 · conf 45%
Across all agencies, NAICS 334413 saw 7,861 contracts worth $529M in FY24–FY26. No agency-specific history found. 29 other notices from this office in the past 12 months.				
Time & stage	MEASURED		+0.5	−14.9 / +12.2 w 15 · conf 100%
Solicitation, bids due: 9 days to respond (due Nov 30, 2026, 5:00 PM EST).				
Clarity & completeness	ESTIMATED		−0.8	−18.9 / +8.1 w 15 · conf 75%
Documents not listed, 2 named contacts with email and phone, 73-word description.				
Freshness	MEASURED		+9.0	−9.0 / +9.0 w 10 · conf 100%
Posted yesterday.				

Starts at 50 · contributions sum to **52.9**

Score **53** (C)

Score trend

Recorded whenever the score changes, last 30 days



Nov 21: 54 — Nov 22: 53

Evaluated Nov 22, 2026, 3:25 AM EST · 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 (71/100) is how much of the score rests on measured data.

Full methodology: rfpdetector.com/methodology/score

03 Market intelligence

Federal contract awards for all agencies, NAICS 334413 (no agency-specific history found). Award counts and sizes cover new awards in FY24–FY26; dollars are obligations in the same window.

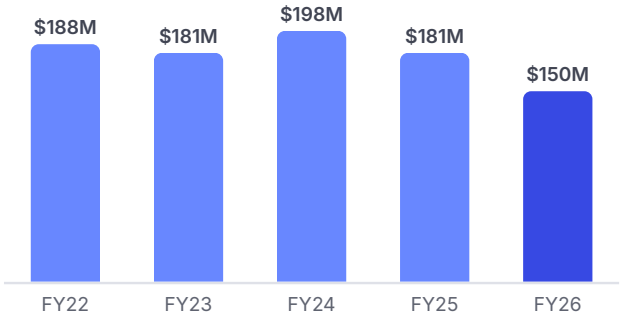
CONTRACTS AWARDED
7,861
New awards, FY24–FY26

TOTAL OBLIGATED
$529M
Obligated FY24–FY26

MEDIAN AWARD OVER $25K
$53K
1,397 awards above $25K

Obligations by fiscal year

all agencies, NAICS 334413



Award size

All agencies NAICS 334413 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	Globalfoundries U.S. 2 LLC	$262M		50%
2	BAE Systems Information And Electronic Systems Integration Inc.	$32.7M		6%
3	Gentex Corporation	$11.8M		2%
4	Raytheon Company	$9.5M		2%
5	General Micro Systems, Inc	$7.6M		1%

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 −6.8
Small typical award (~$53K)

Competition & access −2.6
Full and open (strong incumbent)

Issuer & market +3.6
Active market ($529M FY24–FY26)

Federal award history: contract award types A–D, FY24–FY26, updated Nov 15, 2026. No agency-specific bucket had at least 20 awards, so all agencies are shown.

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

334413 Semiconductor and Related Device Manufacturing

PRODUCT / SERVICE CODE

5961

Place & submission

PLACE OF PERFORMANCE

Oak Ridge, Tennessee

HOW TO SUBMIT

As instructed in the official solicitation

OFFICIAL SOLICITATION

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

Contacts

Brooke Ellis · primary
elliseb@ornl.gov
8653412775

Daniel DeFord · secondary
deforddd@ornl.gov
8653412797

Documents

No documents are listed on the notice.

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

Before you respond

Confirm on the official notice

- [ ] Read every attachment and amendment on the official solicitation
- [ ] Confirm the response deadline and time zone
  Nov 30, 2026, 5:00 PM EST
- [ ] Check you meet the set-aside / eligibility requirement
  Full and open competition
- [ ] Make sure your federal entity registration (UEI) is active
  Federal awards require an active entity registration
- [ ] Confirm how to submit
  See the official solicitation

Bid / no-bid questions

For your own decision

- [ ] Do you have relevant past performance for this scope and customer?
- [ ] Can you staff and deliver on time with a compliant response?
- [ ] Can you perform in Oak Ridge, Tennessee?
- [ ] Does your pricing fit the typical award range ($1.1K–$16K)?
- [ ] Do you need a teaming partner or subcontractors to cover the full scope?

A generic checklist, not advice to bid or not bid.

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

- C | 50 **Phil Pindzola Biennial Sculpture Exhibition**
  Johnson City Public Art Committee · Due Dec 4
- C | 50 **Small CNC Vertical Milling Machine**
  Department of the Air Force · Due Nov 6
- D | 47 **DSS Ring Lock Scaffolding System or Equivalent**
  Department of Energy · Due Nov 24
- D | 47 **X209 Meltio M600 Laser Metal Wire 3D Printer FY27**
  Department of Energy · Due Nov 30
- D | 46 **Programmable Logic Controller System Components**
  Department of Energy · Due Nov 25

More from Ornl Ut-Battelle Llc-Doe Contractor

- D | 40 **Outdoor IR Dome Camera and Adapter**
  Department of Energy · Due Nov 23
- D | 43 **Mounting Pads**
  Department of Energy · Due Nov 24
- F | 15 **Target Service Shield Machining and Welding**
  Department of Energy · Due Nov 24
- F | 15 **Oscilloscope Current and High-Voltage Differential Probes**
  Department of Energy · Due Nov 24

Data and as-of times

Notice data	Official federal notice, first seen Nov 21, 2026, updated Nov 20, 2026
Market data	Federal award history, contract award types A–D, FY24–FY26, updated Nov 15, 2026
Score	RFP Detector Score v1.0.0, evaluated Nov 22, 2026, 3:25 AM EST
Report	ID cd7ebd051628aba15be1 · generated Nov 22, 2026, 6:00 AM EST
Official notice	Open the official solicitation at rfpdetector.com (free account)

DISCLAIMER

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