NANORACKS

GENERAL SERVICES ADMINISTRATION
Federal Supply Service
Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov.

Professional Services Schedule (PSS)
Federal Supply Group:
PSS

FSC/PSC Code: R425

Contract Number: 47QRAA18D004R

Contract Period: February 7, 2018 through February 6, 2023
Pricelist Current Through Modification PA-0002, Effective February 8, 2018

NANORACKS, LLC
555 Forge River Rd., Suite 120
Webster, TX 77598 4369
Phone: 832-632-7754
Fax: 832-575-4767
www.nanoracks.com

Contract Administrator:
Christopher Cummins
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Business Size:
Small

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

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About NanoRacks

NanoRacks was founded on the vision of building a business ecosystem in space.

Our company has been integrating customer payloads for the International Space Station since our first launch in 2010. As of February 2018, we have integrated and operated over 600 payloads on 32 launches to the Space Station, including Shuttle, Antares/Cygnus, Atlas V/Cygnus, Falcon/Dragon, HTV, ATV, and Soyuz. To date, we have also deployed over 200 satellites into low-Earth orbit. NanoRacks comes with a team that has real hands on experience with payloads ranging from professional grade research to DOD to high school experiments.

NanoRacks was the first business to market private services on the International Space Station. We operate our own CubeSat deployers, MicroSat deployer, MixStix, NanoLab Accommodations, Plate Reader, Microscope, and more. We make hardware that is standardized to make for the easiest customer interface and to keep costs down. We look forward to hundreds of more payloads to come.

NanoRacks' experience payload integration teams work hard with every customer to make "space just another place to do work".

Price List Highlights

All units of issue are tasks. More details available in Full Service Descriptions section below.

Service	Year 1 GSA Rate 2/7/2018 – 2/6/2019	SERVICES DESCRIPTION
Full Service Standard 1U (or 1.5 in the direction opposite from the main plane of the NanoRacks) NanoLab Mission.	$35,793.45	Full Service Standard 1U 30 day mission includes 30 Days of Accommodation in NanoRacks Frame I or NanoRacks Frame II. This service also includes Mission Management, Payload Manifesting, Verification, and Operations support required to launch a NanoLab mission to space. NanoRacks works with the customer to turn their experiment into reality aboard the ISS. Further details available below.
Sub 4U MISSION – ACTIVE: Partial Colony Unit (1 to 3 U) on NanoRacks External Platform.	$153,400.50	Sub 4U MISSION – ACTIVE: Partial Colony Unit (1 to 3 U) on NanoRacks External Platform mounted on outside of ISS, priced per U of payload. This service includes Mission Management, Payload Manifesting ,Verification, and Operations support required. Further details available below.
Per 1 U CubeSat Deployment Service cost from ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle (ELV).	$86,926.95	Per 1 U CubeSat Deployment Service cost from ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle. This service includes coordination with NASA, JAXA, or the Launch Provider, Verification and Flight Certification support, as required, and all other testing required to obtain flight certification. Further details available below.
Standard MicroSat Deployment from the JEM Airlock.	$971,536.52	Standard MicroSat Deployment from the JEM Airlock, with a maximum mass of 80 Kg including the deployment system. Further details available below.
Plate Reader Analysis Service per 6 reads.	$12,272.04 (Each)	Plate Reader Analysis Service per 6 reads. This service includes Mission Control Support during operations, upload of analysis routine, and download of resulting data from the Plate Reader. Further details available below.

CUSTOMER INFORMATION

1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:

SIN	Recovery	SIN Description
871-1	871-1RC	Strategic Planning for Technology Programs/Activities
871-2	871-2RC	Concept Development and Requirements Analysis
871-3	871-3RC	System Design, Engineering and Integration
871-4	871-4RC	Test and Evaluation
871-5	871-5RC	Integrated Logistics Support
871-6	871-6RC	Acquisition and Life Cycle Management

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply.
Please see approved GSA Pricelist

1c. If the Contractor is proposing hourly rates a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.
Please see approved GSA Pricelist

2. Maximum Order: $1,000,000.00

3. Minimum Order: $100.00

4. Geographic Coverage: Domestic Delivery

5. Point of production:
NANORACKS, LLC
555 Forge River Rd., Suite 120
Webster, TX 77598 4369

6. Discount from list prices or statement of net price: Government net prices (discounts already deducted).
See approved GSA Pricelist

7. Quantity discounts:
NanoRacks, LLC will provide the following quantity/volume discounts:

1) Size: 2u to 6u+ Deployments on single unified missions for International Space Station (ISS), ISS Visiting Vehicle, or Expendable Launch Vehicle: 2% discount

2) Quantity: 5% discount off total mission price for purchase of 2 or more CubeSats Deployments, regardless of size, on single unified missions

3) Quantity: 5% discount off total mission price for purchase of 2 or more MicroSat Deployments

8. **Prompt payment terms:** Net 30 days

9a. **Notification that Government purchase cards are accepted up to the micro-purchase threshold:** NanoRacks, LLC will accept Government purchase cards up to the micro-purchase threshold.

9b. **Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** NanoRacks, LLC will NOT accept Government purchase cards above the micro-purchase threshold.

10. **Foreign items:** None

11a. **Time of Delivery:** Specified on the Task Order

11b. **Expedited Delivery:** Contact NanoRacks, LLC for expedited delivery

11c. **Overnight and 2-day delivery:** Contact NanoRacks, LLC for overnight and 2-day delivery

11d. **Urgent Requirements:** When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact NanoRacks, LLC for the purpose of obtaining accelerated delivery. NanoRacks, LLC shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by NanoRacks, LLC in writing.) If NanoRacks, LLC offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

12. **F.O.B Points:** Destination

13a. **Ordering Address:**
NANORACKS, LLC
555 Forge River Rd., Suite 120
Webster, TX 77598 4369

13b. **Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

14. **Payment address:**
NANORACKS, LLC
555 Forge River Rd., Suite 120
Webster, TX 77598 4369

15. **Warranty provision:** NanoRacks, LLC's Standard Commercial Warranty.

16. **Export Packing Charges:** N/A

17. **Terms and conditions of Government purchase card acceptance:** Contact NanoRacks, LLC

18. **Terms and conditions of rental, maintenance, and repair:** N/A

19. **Terms and conditions of installation:** N/A

20. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices:** N/A

20a. **Terms and conditions for any other services:** N/A

21. **List of service and distribution points:** N/A

22. **List of participating dealers:** N/A

23. **Preventive maintenance:** N/A

24a. **Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:** N/A

24b. **If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contactor's website or other location.) The EIT standards can be found at:** www.Section508.gov/.

25. **Data Universal Numbering System (DUNS) number:** 961942591

26. **Notification regarding registration in System for Award Management (SAM) database:** CAGE Code: 63HC7

27. **Final Pricing:** The rates shown below include the Industrial Funding Fee (IFF) of 0.75%.

GSA PRICELIST

All Line Items Awarded Under SINs 871-1; 871-2; 871-3; 871-4; 871-5; 871-6

Service	Unit of Issue	Year 1 GSA Rate 2/7/2018 – 2/6/2019	Year 2 GSA Rate 2/7/2019 – 2/6/2020	Year 3 GSA Rate 2/7/2020 – 2/6/2021	Year 4 GSA Rate 2/7/2021 – 2/6/2022	Year 5 GSA Rate 2/7/2022 – 2/6/2023
NanoRacks NanoLab Module Payloads						
Full Service Standard 1U (or 1.5 in the direction opposite from the main plane of the NanoRacks) NanoLab Mission.	Task	$35,793.45	$36,616.70	$37,458.88	$38,320.44	$39,201.81
Full service Standard Mix Stix Flight Mission.	Unit	$11,909.32	$12,183.23	$12,463.45	$12,750.11	$13,043.36
Mission Management Support.	Task	$4,346.35	$4,446.31	$4,548.58	$4,653.20	$4,760.22
Verification for Flight Certification Support.	Task	$8,181.36	$8,369.53	$8,562.03	$8,758.96	$8,960.41
Payload Operations Support.	Task	$3,068.01	$3,138.57	$3,210.76	$3,284.61	$3,360.16
STELLA OR KUIP Operations Setup.	Task	$7,670.03	$7,846.44	$8,026.90	$8,211.52	$8,400.39
Ground Control Operations Support.	50 Hours	$5,113.35	$5,230.96	$5,351.27	$5,474.35	$5,600.26
Ground Control Operations Support.	Hour	$138.06	$141.24	$144.48	$147.81	$151.21
Standard 1U NanoLab continuation of Mission beyond 30 Days.	Month	$1,022.67	$1,046.19	$1,070.25	$1,094.87	$1,120.05
NanoRacks NanoLab Module Kits.	Each	$2,301.01	$2,353.93	$2,408.07	$2,463.46	$2,520.12
Payload Design Services.	Hour	$153.40	$156.93	$160.54	$164.23	$168.01
Payload Fabrication Services.	Hour	$122.72	$125.54	$128.43	$131.38	$134.41
Off gas testing.	Task	$8,181.36	$8,369.53	$8,562.03	$8,758.96	$8,960.41
EMI Testing.	Task	$7,158.69	$7,323.34	$7,491.78	$7,664.09	$7,840.36
Non-compliant Enclosure Service: per U.	Task	$8,181.36	$8,369.53	$8,562.03	$8,758.96	$8,960.41
NanoRacks Frame III SuperLab Missions						
FULL SERVICE: Frame III Standard 4U SuperLab Mission.	Task	$255,667.51	$261,547.86	$267,563.46	$273,717.42	$280,012.92
Mission Management Support.	Task	$15,340.05	$15,692.87	$16,053.81	$16,423.05	$16,800.78
Verification for Flight Certification Support.	Task	$30,680.10	$31,385.74	$32,107.62	$32,846.09	$33,601.55
Payload Operations Support.	Task	$12,272.04	$12,554.30	$12,843.05	$13,138.44	$13,440.62

Service	Unit of Issue	Year 1 GSA Rate 2/7/2018 – 2/6/2019	Year 2 GSA Rate 2/7/2019 – 2/6/2020	Year 3 GSA Rate 2/7/2020 – 2/6/2021	Year 4 GSA Rate 2/7/2021 – 2/6/2022	Year 5 GSA Rate 2/7/2022 – 2/6/2023
STELLA OR KUIP Operations Setup.	Task	$30,680.10	$31,385.74	$32,107.62	$32,846.09	$33,601.55
Ground control operations support. First 100 hours.	100 Hours	$25,566.75	$26,154.79	$26,756.35	$27,371.74	$28,001.29
Ground control operations support. Hourly rate after first 100 hours.	Hour	$153.40	$156.93	$160.54	$164.23	$168.01
Standard 1SuperLab continuation of Mission beyond 6 weeks.	Month	$4,090.68	$4,184.77	$4,281.02	$4,379.48	$4,480.21
NanoRacks SuperLab Module Kits.	Each	$8,181.36	$8,369.53	$8,562.03	$8,758.96	$8,960.41
Payload Design Services.	Hour	$168.74	$172.62	$176.59	$180.65	$184.81
Payload Fabrication Services.	Hour	$122.72	$125.54	$128.43	$131.38	$134.41
Off gas testing.	Task	$12,272.04	$12,554.30	$12,843.05	$13,138.44	$13,440.62
EMI Testing.	Task	$16,362.72	$16,739.06	$17,124.06	$17,517.91	$17,920.83
Non-compliant Enclosure Service per U.	Task	$32,725.44	$33,478.13	$34,248.12	$35,035.83	$35,841.65
NanoRacks External Rack Missions						
FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform – where customer decides placement on JEM External Facility.	Task	$1,534,005.04	$1,569,287.15	$1,605,380.76	$1,642,304.52	$1,680,077.52
FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform – where NR decides placement on JEM External Facility.	Task	$511,335.01	$523,095.72	$535,126.92	$547,434.84	$560,025.84
BASELINE SERVICE – ACTIVE: 1 Colony Unit (1X 4U) on NanoRacks External Platform.	Task	$388,614.61	$397,552.75	$406,696.46	$416,050.48	$425,619.64
Sub 4U MISSION – ACTIVE: Partial Colony Unit (1 to 3 U) on NanoRacks External Platform.	Task	$153,400.50	$156,928.72	$160,538.08	$164,230.45	$168,007.75
FULL SERVICE - PASSIVE MISSION: Colony Unit (1X 4U) on NanoRacks External Platform.	Task	$409,068.01	$418,476.57	$428,101.54	$437,947.87	$448,020.67
Sub 4U MISSION – FULL SERVICE - PASSIVE: Colony Unit (1 to 3U) on NanoRacks External Platform.	Task	$127,833.75	$130,773.93	$133,781.73	$136,858.71	$140,006.46

Service	Unit of Issue	Year 1 GSA Rate 2/7/2018 – 2/6/2019	Year 2 GSA Rate 2/7/2019 – 2/6/2020	Year 3 GSA Rate 2/7/2020 – 2/6/2021	Year 4 GSA Rate 2/7/2021 – 2/6/2022	Year 5 GSA Rate 2/7/2022 – 2/6/2023
NanoRacks External Platform continuation of Mission beyond 15 weeks - Passive.	Week	$10,226.70	$10,461.91	$10,702.54	$10,948.70	$11,200.52
NanoRacks External Platform continuation of Mission beyond 15 weeks - Active.	Week	$15,340.05	$15,692.87	$16,053.81	$16,423.05	$16,800.78
Return of 1 to 4U External Platform Payload.	Task	$51,133.50	$52,309.57	$53,512.69	$54,743.48	$56,002.58
1 Gimbaled Sensor Platform Mission.	Task	$2,045,340.05	$2,092,382.87	$2,140,507.68	$2,189,739.35	$2,240,103.36
1 Gimbaled Sensor Platform continuation of Mission beyond 10 weeks.	Week	$35,793.45	$36,616.70	$37,458.88	$38,320.44	$39,201.81
Deployment Services						
Per 1 U CubeSat Deployment Service cost from ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle (ELV).	Task	$86,926.95	$88,926.27	$90,971.58	$93,063.92	$95,204.39
1U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer from the ISS.	Task	$30,680.10	$31,385.74	$32,107.62	$32,846.09	$33,601.55
2U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer from the ISS.	Task	$35,793.45	$36,616.70	$37,458.88	$38,320.44	$39,201.81
3U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer from the ISS.	Task	$40,906.80	$41,847.66	$42,810.15	$43,794.79	$44,802.07
4U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer from the ISS.	Task	$46,020.15	$47,078.61	$48,161.42	$49,269.14	$50,402.33
5U CubeSat Safety and Verification for deployment from the NRCSD. 10 month lead time.	Task	$51,133.50	$52,309.57	$53,512.69	$54,743.48	$56,002.58
6U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer from the ISS.	Task	$56,246.85	$57,540.53	$58,863.96	$60,217.83	$61,602.84
Standard MicroSat Deployment from the JEM Airlock.	Task	$971,536.52	$993,881.86	$1,016,741.15	$1,040,126.19	$1,064,049.10

Service	Unit of Issue	Year 1 GSA Rate 2/7/2018 – 2/6/2019	Year 2 GSA Rate 2/7/2019 – 2/6/2020	Year 3 GSA Rate 2/7/2020 – 2/6/2021	Year 4 GSA Rate 2/7/2021 – 2/6/2022	Year 5 GSA Rate 2/7/2022 – 2/6/2023
MicroSat Deployment Add on for Propulsion or High Pressure Vessels.	Task	$51,133.50	$52,309.57	$53,512.69	$54,743.48	$56,002.58
MicroSat Deployment Add on for Pyrotechnics and/or Satellites that deploy into multiple parts.	Task	$51,133.50	$52,309.57	$53,512.69	$54,743.48	$56,002.58
MicroSat Deployment Add on for Satellites that contain high power transmitters or unusual power sources.	Task	$40,906.80	$41,847.66	$42,810.15	$43,794.79	$44,802.07
MicroSat Deployment Add on for Satellites that use a separation system other than Lightband or the NanoRacks Kaber Separation System.	Task	$51,133.50	$52,309.57	$53,512.69	$54,743.48	$56,002.58
NanoRacks Kaber Separation System (New Design / Build).	Task	$102,327.46	$104,680.99	$107,088.65	$109,551.69	$112,071.38
NanoRacks Simple Kaber Separation System.	Task	$25,566.75	$26,154.79	$26,756.35	$27,371.74	$28,001.29
Additional Services						
Payload Developer/NanoRacks Technical Interchange.	Day	$5,113.35	$5,230.96	$5,351.27	$5,474.35	$5,600.26
Power Interface Adaptation.	Each	$5,113.35	$5,230.96	$5,351.27	$5,474.35	$5,600.26
Data Interface Adaptation.	Each	$4,090.68	$4,184.77	$4,281.02	$4,379.48	$4,480.21
Structure Interface Adaptation.	Each	$3,068.01	$3,138.57	$3,210.76	$3,284.61	$3,360.16
Video Imaging: Transmission Microscope.	Hour	$1,022.67	$1,046.19	$1,070.25	$1,094.87	$1,120.05
Video Imaging: Reflective Microscope.	Hour	$1,022.67	$1,046.19	$1,070.25	$1,094.87	$1,120.05
Set of 6 microplates.	6x Units	$3,572.80	$3,654.97	$3,739.03	$3,825.03	$3,913.01
MicroPlate Service per set of 6 microplates.	Each	$51,133.50	$52,309.57	$53,512.69	$54,743.48	$56,002.58
Plate Reader Analysis Service per 6 reads.	Each	$12,272.04	$12,554.30	$12,843.05	$13,138.44	$13,440.62
Mission Systems and integration design service - Principal/Consultant level	Hour	$304.90	$311.91	$319.08	$326.42	$333.93
Payload Design Services.	Hour	$168.74	$172.62	$176.59	$180.65	$184.81
Payload Fabrication Services.	Hour	$122.72	$125.54	$128.43	$131.38	$134.41

Service	Unit of Issue	Year 1 GSA Rate 2/7/2018 – 2/6/2019	Year 2 GSA Rate 2/7/2019 – 2/6/2020	Year 3 GSA Rate 2/7/2020 – 2/6/2021	Year 4 GSA Rate 2/7/2021 – 2/6/2022	Year 5 GSA Rate 2/7/2022 – 2/6/2023
Mission Integration, COFR and Operations Support (local NanoRacks Facility).	Hour	$153.40	$156.93	$160.54	$164.23	$168.01
Mission Integration, COFR and Operations Support outside of NanoRacks Locations (e.g. Cape Canaveral, Wallops).	Hour	$173.85	$177.85	$181.94	$186.13	$190.41
Re-manifesting Fee for ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle (ELV) Deployed CubeSats and NanoLabs - Charged Per U requiring re-manifest.	Item	$15,340.05	$15,692.87	$16,053.81	$16,423.05	$16,800.78
Re-manifesting Fee for ISS Visiting Vehicle Cubesat Deployments; charged per 3U.	Item	$84,357.68	$86,297.91	$88,282.76	$90,313.26	$92,390.47
Hardware recovery, payload return priced per U, and postflight processing support.	Task	$10,226.70	$10,461.91	$10,702.54	$10,948.70	$11,200.52

Service Contract Act: The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Services Schedule (PSS) Schedule and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CRF 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and / or when the contractor adds SCA labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.

SERVICE DESCRIPTIONS

All Line Items Awarded Under SINs 871-1; 871-2; 871-3; 871-4; 871-5; 871-6

Service	Service Description
NanoRacks NanoLab Module Payloads	
Full Service Standard 1U (or 1.5 in the direction opposite from the main plane of the Frame) NanoLab Mission.	Full Service Standard 1U (or 1.5 in the direction opposite from the main plane of the Frame) NanoLab Mission. Priced per U. 30 day mission. 9 month lead time. Includes: 30 Days of Accommodation in NanoRacks Frame I or NanoRacks Frame II (or their direct replacements), Mission Management Support, Verification for Flight Certification Support, Verification Testing including EMI and Off gas Testing, Payload Operations Support, STELLA OR Ku-band Internet Protocol (KUIP) Operations Setup, 50 hours over 30 days of Ground control operations support. Does not include return of payload. Does not include potential remanifesting of payload.
Full service Standard Mix Stix Flight Mission.	Full service Standard Mix Stix Flight Mission. 6 month lead time. Includes: 30 days of accommodation onboard NanoRacks Platform aboard the ISS, five hours of NR consultation on payload technical interfaces, NR interfacing with NASA on safety reviews as required, and return of payload.
Mission Management Support.	Mission Management Support. 9 month lead time. Includes: PIA Development, MR Loader, OpNom, Payload engineering drawings, Engineering configuration list, Payload shipping, customs, and hardware transfer documentation, Payload decal drawings and generation, COFR endorsement package, Hardware turnover and preflight processing activities, Request Disposal as appropriate.
Verification for Flight Certification Support.	Verification for Flight Certification Support. 9 month lead time. Includes: Acceptance Requirements, ICD Development, Phase 0/I/II Safety data package, Phase III Safety data package, Hazard report responses, Verification data package, Payload exceptions and waivers.
Payload Operations Support.	Payload Operations Support. 9 month lead time. Includes: Training requirements documentation, Training hardware, Payload training, Operations planning inputs, Crew procedures generation inputs, Conduct crew training, Support Bench Reviews.
STELLA OR KUIP Operations Setup.	STELLA OR KUIP Operations Setup. 9 month lead time. Includes: STELLA OR KUIP – Experiment interaction design, Plan for operations using STELLA OR KUIP, Pre-Flight testing of STELLA OR KUIP/user interaction.
Ground Control Operations Support.	Ground Control Operations Support. First 50 hours. 9 month lead time. Includes: Plan, Monitor and provide inputs as required for real-time payload operation including data transfer sessions.
Ground Control Operations Support.	Ground Control Operations Support. Hourly rate after first 50 hours. 9 month lead time. Includes: Plan, Monitor and provide inputs as required for real-time payload operation including data transfer sessions.
Standard 1U NanoLab continuation of Mission beyond 30 Days.	Standard 1U NanoLab continuation of Mission beyond 30 Days. 5 month lead time. Includes: Accommodation and power per month on an as-available basis when the payload is in an inactive condition (no data or operations provided). Data and operations support are provided under Ground Control Operations Support on an hourly basis.
NanoRacks NanoLab Module Kits.	NanoRacks NanoLab Module Kits. 1 month lead time. Includes: NanoRacks will provide a 1U to 4U NanoLab Module Kit including outer box and standard USB microcontroller board for experimenter use.
Payload Design Services.	Payload Design Services. 1 month lead time. Includes: Design of NanoLab payload for use on ISS and other vehicles.
Payload Fabrication Services.	Payload Fabrication Services. 1 month lead time. Includes: Fabrication of payload for use on ISS and other vehicles.

Service	Service Description
Off gas testing.	Off gas testing. 1 month lead time. Includes: Test Payload or surrogate in certified Lab, Travel or shipping as required to support testing, Lab report indicating results of testing.
EMI Testing.	EMI Testing. 1 month lead time. Includes: EMI testing of NanoLab payloads employed outside of a NanoRacks frame or inside in the cases where that is required. Per U.
Non-compliant Enclosure Service: per U.	Non-compliant Enclosure Service: per U. 1 month lead time. Includes: Adapt Structure of non-NanoLab compliant hardware to NanoLab Standard using NanoRacks Design.
NanoRacks Frame III SuperLab Missions	
FULL SERVICE: Frame III Standard 4U SuperLab Mission.	FULL SERVICE: Frame III Standard 4U SuperLab Mission. 9 month lead time. 6 week mission. Includes: 6 weeks of accommodation in Frame III for a NanoLab standard extension (10x20x20 cm, 4kg) payload that can utilize up to 50W of 28 VDC power for increased power and thermal handling capability (Accommodates larger NanoRacks SuperLabs), Mission Management Support, Verification for Flight Certification Support, Verification Testing including EMI and Off gas Testing, Payload Operations Support, STELLA OR KUIP Operations Setup, 100 hours over 6 weeks of Ground control operations support. Does Not Include Return of Payload. Does not include potential remanifesting of payload.
Mission Management Support.	Mission Management Support. 9 month lead time. Includes: PIA Development, MR Loader, OpNom, Payload engineering drawings, Engineering configuration list, Payload shipping, customs, and hardware transfer documentation, Payload decal drawings and generation, COFR endorsement package, Hardware turnover and preflight processing activities, Waste Management.
Verification for Flight Certification Support.	Verification for Flight Certification Support. 9 month lead time. Includes: Acceptance Requirements, ICD Development, Phase 0/I/II Safety data package, Phase III Safety data package, Hazard report responses, Verification data package, Payload exceptions and waivers.
Payload Operations Support.	Payload Operations Support. 9 month lead time. Includes: Training requirements documentation, Training hardware, Payload training, Operations planning inputs, Crew procedures generation inputs, Conduct crew training, Support Bench Reviews.
STELLA OR KUIP Operations Setup.	STELLA OR KUIP Operations Setup. 9 month lead time. Includes: STELLA OR KUIP – Experiment interaction design, Plan for operations using STELLA OR KUIP, Pre-Flight testing of STELLA OR KUIP/user interaction.
Ground control operations support. First 100 hours.	Ground control operations support. First 100 hours. 9 month lead time. Includes: Monitor and provide input as required for real-time payload operation including data transfer sessions.
Ground control operations support. Hourly rate after first 100 hours.	Ground control operations support. Hourly rate after first 100 hours. 9 month lead time. Includes: Monitor and provide input as required for real-time payload operation including data transfer sessions.
Standard 1SuperLab continuation of Mission beyond 6 weeks.	Standard 1SuperLab continuation of Mission beyond 6 weeks. 5 month lead time. Includes: Accommodation and power per month on an as-available basis when the payload is in an inactive condition (no data or operations provided). Data and operations support are provided under ground control operations support on an hourly basis.
NanoRacks SuperLab Module Kits.	NanoRacks SuperLab Module Kits. 2 month lead time. Includes: NanoRacks will provide a 2UX2U SuperLab Module Kit including outer box and a standard USB microcontroller board for experimenter use.
Payload Design Services.	Payload Design Services. 1 month lead time. Includes: Design of payload for use on ISS.
Payload Fabrication Services.	Payload Fabrication Services. 1 month lead time. Includes: Fabrication of payload for use on ISS.

Service	Service Description
Off gas testing.	Off gas testing. 1 month lead time. Off gas testing is mission specific.
EMI Testing.	EMI Testing. 1 month lead time. Includes: EMI testing of payloads employed outside of a NanoRacks frame.
Non-compliant Enclosure Service per U.	Non-compliant Enclosure Service per U. 1 month lead time. Includes: Adapt Structure of non-SuperLab compliant hardware to NanoRacks using NanoRacks Design.
NanoRacks External Rack Missions	
FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform – where customer decides placement on JEM External Facility.	FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform – where customer decides placement on JEM External Facility. 1 year lead time. Includes: Accommodation for 1 Colony Unit (1X4U), NanoRacks will manifest the payload on the first available External Platform Payload Location even if no other Payloads are booked for that sortie, Mission Management Support, Verification for Flight Certification Support, Payload Operations Support, STELLA OR KUIP Setup/ as required, Ground Control Operations Support as Required, Vibration, EMI, Off gas/Outgas and Thermal Vacuum Testing as required, NanoRacks will provide accommodation, power, and data as required as well as transportation and installation of payload, Return of Payload as required. Does not include potential remanifesting of payload.
FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform – where NR decides placement on JEM External Facility.	FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform – where NR decides placement on JEM External Facility. 1 year lead time. Includes: Accommodation for 1 Colony Unit (1X4U), NanoRacks will manifest the payload on the first available External Platform Payload Location even if no other Payloads are booked for that sortie, Mission Management Support, Verification for Flight Certification Support, Payload Operations Support, STELLA OR KUIP Setup/ as required, Ground Control Operations Support as Required, NanoRacks will provide accommodation, power, and data as required as well as transportation to the ISS and installation of payload. Payload return offered as a separate service. Does not include potential remanifesting of payload.
BASELINE SERVICE – ACTIVE: 1 Colony Unit (1X 4U) on NanoRacks External Platform.	BASELINE SERVICE – ACTIVE: 1 Colony Unit (1X 4U) on NanoRacks External Platform. 1 year lead time. Same as FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform - where customer decides placement on JEM External Facility with the following exceptions. EXCEPTIONS: NanoRacks reserves the right to plan the mission for a sortie on the External Platform that already has other External Payloads booked. Customer is responsible for planning conducting and delivering all required testing data to NanoRacks and NanoRacks provides up to 40 hours of support for NASA Safety, Verification and COFR Processes. Additional Hours can be acquired. Up to 40 hours of STELLA OR KUIP Setup, Up to 40 hours of Ground Control Operations Support for Payload activities and for Data Downloads – Additional Ground Control Operations Support can be acquired. Return of payload offered as a separate item. Does not include potential remanifesting of payload. CUSTOMERS FOR THIS SERVICE MUST BE APPROVED BY BOTH NANORACKS AND NASA.
Sub 4U MISSION – ACTIVE: Partial Colony Unit (1 to 3 U) on NanoRacks External Platform.	Sub 4U MISSION – ACTIVE: Partial Colony Unit (1 to 3 U) on NanoRacks External Platform. 1 year lead time. Same as FULL SERVICE – ACTIVE: 1 to 3 Units (1X 1, 2 or 3U) on NanoRacks External Platform with the following exceptions. EXCEPTIONS: Accommodation for 1U to 3U as part of a group of Sub 4U payloads, priced on a per U basis. NanoRacks additionally reserves the right to plan the mission such that it coincides with other Sub4U missions. Return of payload offered as a separate item. Does not include potential remanifesting of payload.
FULL SERVICE - PASSIVE MISSION: Colony Unit (1X 4U) on NanoRacks External Platform.	FULL SERVICE - PASSIVE MISSION: Colony Unit (1X 4U) on NanoRacks External Platform. 1 year lead time. Same as FULL SERVICE: ACTIVE 1 Colony Unit (1X 4U) on NanoRacks External Platform with the following exceptions. EXCEPTIONS: NanoRacks reserves the right to plan the mission for a sortie on the External Platform that already has other External Payloads booked, No STELLA OR KUIP Setup, No Ground Control Operations Support as required except for installation and deinstallation, No EMI testing (as none required), No activity (power, data transfer or other activity) during external

Service	Service Description
	portion of the mission. Payload return offered as a separate service. Does not include potential remanifesting of payload.
Sub 4U MISSION – FULL SERVICE - PASSIVE: Colony Unit (1 to 3U) on NanoRacks External Platform.	Sub 4U MISSION – FULL SERVICE - PASSIVE: Colony Unit (1 to 3U) on NanoRacks External Platform. 1 year lead time. 1 to 3 Units (1X 1, 2, or 3U) Service is the same as FULL SERVCE- PASSIVE MISSION: Colony Unit (1X 4U) on NanoRacks External Platform with the following exceptions. EXCEPTIONS: Accommodation for 1U to 3U as part of a group of Sub 4U payloads, priced on a per U basis. NanoRacks additionally reserves the right to plan the mission such that it coincides with other Sub4U missions. No STELLA OR KUIP/Remote Operations Setup. No activity (power, data transfer or other activity) during external portion of mission. Return of payload offered as a separate item. Does not include potential remanifesting of payload.
NanoRacks External Platform continuation of Mission beyond 15 weeks - Passive.	NanoRacks External Platform continuation of Mission beyond 15 weeks - Passive. 1 year lead time. Includes: Accommodation per week on an as available basis when the payload is in an inactive condition (no data, power or operations provided), Includes required monitoring of NanoRacks External Platform even when one or more payloads are operating in passive mode.
NanoRacks External Platform continuation of Mission beyond 15 weeks - Active.	NanoRacks External Platform continuation of Mission beyond 15 weeks - Active. 1 year lead time. Includes: Accommodation, power, data and operation per week on an as-available basis, Includes required monitoring of NanoRacks External Platform and Active Payload.
Return of 1 to 4U External Platform Payload.	Return of 1 to 4U External Platform Payload. 5 month lead time. Includes: Manifest payload for return flight, Receive payload back at turnover from NASA and de-integrate as required for analysis. Does not include potential remanifesting of payload.
1 Gimbaled Sensor Platform Mission.	1 Gimbaled Sensor Platform Mission. 1 year lead time. Includes: Accommodation for Sensor of Gimbaled Sensor Platform, NanoRacks will manifest the payload on the first available External Platform Payload Mission that can accommodate a gimbaled sensor platform, Mission Management Support, Verification for Flight Certification Support, Payload Operations Support, STELLA OR KUIP Setup/Remote Operations Software Setup as required, Ground Control Operations Support as Required, Vibration, EMI, Off gas and Thermal Vacuum Testing, NanoRacks will provide accommodation, power, and data as required as well as transportation to the ISS and installation of payload, Return of Sensor. Does not include potential remanifesting of payload.
1 Gimbaled Sensor Platform continuation of Mission beyond 10 weeks.	1 Gimbaled Sensor Platform continuation of Mission beyond 10 weeks. 1 year lead time. Includes: Accommodation on the Sensor Gimbal Platform, power, data and operations per week on an as-available basis. Includes required monitoring of NanoRacks External Platform and Active Payload. Does not include potential remanifesting of payload.
Deployment Services	
Per 1 U CubeSat Deployment Service cost from ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle (ELV).	Per 1 U CubeSat Deployment Service cost from ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle. 10 month lead time. Includes: Integration, Transport and Deployment of a 1 U sized CubeSat Mission Management Support including coordination with NASA, JAXA, or other Launch Provider, as required, Verification for Flight Certification Support as required for both internal and external ISS environments (if required for ISS deployment) as well as for deployment (e.g. re-contact analysis), Testing required for Flight Certification, by NASA, Vibration Testing/loan of ground deployer unit if CubeSat developer performs own vibration testing, EMI testing as required, Off gas and Outgas as required. Battery testing not included, Payload Operations Support, Mission Control support during operations, Use of NanoRacks Deployers that attach to the MPEP or other comparable attachment. Does not include acquisition of any required licenses or permits. Does not include potential remanifesting of payload.

Service	Service Description
1U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer.	1U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer. 10 month lead time. Includes: Safety and Verification for a 1U CubeSat, Verification for Flight Certification Support as required for both internal and external ISS environments as well as for deployment (e.g. re-contact analysis), Testing required for Flight Certification, Vibration Testing/loan of ground deployer unit if CubeSat developer performs own vibration testing, EMI testing as required, Off gas and Outgas as required, Thermal Vac testing as required. Battery testing not included. Extra Charges would apply for payloads that do not meet Station Requirements or the NRCSD ICD or those with: High power transmitters, Pressure vessels, Propulsion systems, Pyrotechnic systems, Free flying deployables or other unusual deployable elements (does not include standard solar arrays). Does not include any effort to obtain required licenses (e.g. FCC license) or permits. Does not include use of a NanoRacks NRCSD or manifesting of the CubeSat to the ISS. CUSTOMERS FOR THIS SERVICE MUST BE APPROVED BY BOTH NANORACKS AND NASA.
2U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer.	2U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer. 10 month lead time. Same as 1U CubeSat Safety and Verification for deployment from the NRCSD except for 2U sized CubeSat.
3U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer from the ISS.	3U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer. 10 month lead time. Same as 1U CubeSat Safety and Verification for deployment from the NRCSD except for 3U sized CubeSat.
4U CubeSat Safety and Verification for deployment from the NRCSD or equivalent.	4U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer. 10 month lead time. Same as 1U CubeSat Safety and Verification for deployment from the NRCSD except for 4U sized CubeSat.
5U CubeSat Safety and Verification for deployment from the NRCSD. 10 month lead time.	5U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer. 10 month lead time. Same as 1U CubeSat Safety and Verification for deployment from the NRCSD except for 5U sized CubeSat.
6U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer.	6U CubeSat Safety and Verification for deployment from the NRCSD or equivalent deployer. 10 month lead time. Same as 1U CubeSat Safety and Verification for deployment from the NRCSD except for 5U sized CubeSat.
Standard MicroSat Deployment from the JEM Airlock.	Standard MicroSat Deployment from the JEM Airlock. 1 year lead time. Includes: Integration for, Transport to and Deployment from ISS of a MicroSat with a volume that will fit inside the JEM Airlock envelope along with the deployment system and a maximum mass of 80 Kg, including the deployment system. Mission Management Support including coordination with NASA and JAXA as required, Verification for Flight Certification Support as required for both internal and external ISS environments as well as for deployment (e.g. re-contact analysis), Testing required for Flight Certification (Off gas and Vibe and if required - which is not currently the case) EMI testing for NASA Flight Certification as required at a facility of NanoRacks' choosing. Thermal Vac testing has not been required for Flight Certification; if it became a requirement, the customer would be responsible for performing it. Payload Operations Support, Mission Control support during operations, prior to deployment Does not include acquisition of any required licenses or permits. See MicroSat Deployment Add on for Propulsion or High Pressure Vessels for MicroSats with Propulsion or High Pressure Vessels. See MicroSat Deployment Add on for Pyrotechnics and/or Satellites that deploy into multiple parts for MicroSats with Pyrotechnics and/or that deploy into multiple parts. See MicroSat Deployment Add on for Satellites that contain high power transmitters or unusual power sources for Satellites that contain high power transmitters or unusual power sources. See MicroSat Deployment Add on for Satellites that use a separation system other than Lightband or the NanoRacks Kaber Separation System for MicroSats that use release mechanisms other than Lightband or NanoRacks Kaber Separation Mechanism. Does not include potential remanifesting of payload.

Service	Service Description
MicroSat Deployment Add on for Propulsion or High Pressure Vessels.	MicroSat Deployment Add on for Propulsion or High Pressure Vessels. 1 year lead time. Additional Services to flight certify and operate systems with Propulsion or High Pressure Vessels including additional effort specific to this Add on: Verification for Flight Certification Support as required for both internal and external ISS environments as well as for deployment (e.g. recontact analysis), Testing required for Flight Certification (Off gas and Vibe and if required (which is not currently the case) EMI testing. Thermal Vac testing also has not been required for Flight Certification and would be an additional Charge, Payload Operations Support, Mission Control support during operations.
MicroSat Deployment Add on for Pyrotechnics and/or Satellites that deploy into multiple parts.	MicroSat Deployment Add on for Pyrotechnics and/or Satellites that deploy into multiple parts. 1 year lead time. Additional Services to flight certify and operate systems with Pyrotechnics and/or Satellites that deploy into multiple parts including additional effort specific to this Add on: Verification for Flight Certification Support as required for both internal and external ISS environments as well as for deployment (e.g. recontact analysis), Testing required for Flight Certification (Off gas and Vibe and if required (which is not currently the case) EMI testing. Thermal Vac testing also has not been required for Flight Certification and would be an additional Charge, Payload Operations Support, Mission Control support during operations.
MicroSat Deployment Add on for Satellites that contain high power transmitters or unusual power sources.	MicroSat Deployment Add on for Satellites that contain high power transmitters or unusual power sources. 1 year lead time. Additional Services to flight certify and operate systems that contain high power transmitters or unusual power sources including additional effort specific to this Add on: Verification for Flight Certification Support as required for both internal and external ISS environments as well as for deployment (e.g. recontact analysis), Testing required for Flight Certification (Off gas and Vibe and if required (which is not currently the case) EMI testing. Thermal Vac testing also has not been required for Flight Certification and would be an additional Charge, Payload Operations Support, Mission Control support during operations.
MicroSat Deployment Add on for Satellites that use a separation system other than Lightband or the NanoRacks Kaber Separation System.	MicroSat Deployment Add on for Satellites that use a separation system other than Lightband or the NanoRacks Kaber Separation System. 14 month lead time. Additional Services to flight certify and operate systems that use a separation system other than Lightband or the NanoRacks Kaber Separation System including additional effort specific to this Add on: Verification for Flight Certification Support as required for both internal and external ISS environments as well as for deployment (e.g. recontact analysis), Testing required for Flight Certification (Off gas and Vibe and if required (which is not currently the case) EMI testing. Thermal Vac testing also has not been required for Flight Certification and would be an additional Charge, Payload Operations Support, Mission Control support during operations.
NanoRacks Kaber Separation System (New Design / Build).	NanoRacks Kaber Separation System (New Design / Build). 16 month lead time with 15 months to Satellite Deployment. This is for the separation system between the satellite and the Kaber. It is specifically designed and safety approved for each very specific satellite design. The effort includes the custom design, construction, qualification and safety inputs to the KABER safety package as well as verification input to the satellite mission verification package customize the design of the NRSS at least along the following lines to accommodate: satellite mass, satellite Center of Gravity, satellite length/width/height, satellite position/orientation/angle in the Slide Table/KIBO payload envelope in relation to Kaber, satellite-to-NRSS interface bolt pattern, satellite "clocking" with respect to NRSS, HDRM "clocking" with respect to NRSS, an "open" (ie, unblocked) Fly-Away ring or not, satellite axial centerline offset from Kaber centerline, satellite use of Slide Table Active Mechanism. This item includes an integrated Vibration test with a customized Satellite Mass simulator as required to test the NRSS and optional Launch Container as well as an integrated thermal limits actuation test. This item also includes NRSS Spring Tuning for required separation velocity and other attributes. **To use the Kaber Separation System, the following conditions must be true:** Satellite does NOT Exceed JEM Air Lock Simplified Envelope; Does NOT Require angular offset with NRSS centerline to fit in JEM Air Lock Envelope; Does NOT Require STEP; Satellite Center of Gravity Axis has NO offset with NRSS Centerline; NRSS separation mechanism IS coincident with center line and standard clocking of NRSS; NO launch container required; Satellite maximum tip off rate > 2 degrees/second; Satellite separation velocity > 0.2 m/sec. Does not include potential remanifesting of payload.

Service	Service Description
NanoRacks Simple Kaber Separation System.	NanoRacks Simple Kaber Separation System. 12 month lead time. Both Active and Passive components of NanoRacks Kaber Separation System. Same conditions must be true as above pricing structure for Kaber Separation System (New Design / Build). Does not include potential remanifesting of payload.
Additional Services	
Payload Developer/NanoRacks Technical Interchange.	Payload Developer/NanoRacks Technical Interchange. 1 month lead time. A technical interchange for payload developers to understand NanoRacks and the NASA payload process, understand PD's requirements and NanoRacks' capabilities to support the PD. Service includes a face-to-face meeting of up to 8 working hours and with up to 10 hours of preparatory work by appropriate subject matter experts.
Power Interface Adaptation.	Power Interface Adaptation. 1 month lead time. Adapt Power systems of non-NanoLab/Superlab compliant hardware to NanoRacks using NanoRacks Design.
Data Interface Adaptation.	Data Interface Adaptation. 1 month lead time. Adapt Data system of non-NanoLab/Superlab compliant hardware to NanoRacks using NanoRacks Design.
Structure Interface Adaptation.	Structure Interface Adaptation. 1 month lead time. Adapt Structure of non-NanoLab/Superlab compliant hardware to NanoRacks using NanoRacks Design.
Video Imaging: Transmission Microscope.	Video Imaging: Transmission Microscope. 1 month lead time. Management of real-time operations including console support during transmission of microscope video images. Minimum of 1/2 hour.
Video Imaging: Reflective Microscope.	Video Imaging: Reflective Microscope. 1 month lead time. Management of real-time operations including console support during transmission of microscope video images. Minimum of 1/2 hour.
Set of 6 microplates.	Set of 6 microplates. 1 Month lead time.
MicroPlate Service per set of 6 microplates.	MicroPlate Service per set of 6 microplates. 1 month lead time. NanoRacks preparation, integration and on-orbit housing of NanoRacks vented or reactor MicroPlates.
Plate Reader Analysis Service per 6 reads.	Plate Reader Analysis Service per 6 reads. 1 month lead time. NanoRacks upload of analysis routine and download of resulting data. Development of On-orbit procedures. Mission Control support during operations.
Mission Systems and integration design service - Principal/Consultant level	Mission Systems and integration design service - Principal/Consultant level for defining hardware and mission requirements based on customer needs leading to an overall mission and system design as well as an integration plan
Payload Design Services.	Payload Design Services. 1 month lead time. Design of payload for use on ISS.
Payload Fabrication Services.	Payload Fabrication Services. 1 month lead time. Fabrication of payload for use on ISS.
Mission Integration, COFR and Operations Support (local NanoRacks Facility).	Mission Integration, COFR and Operations Support (local NanoRacks Facility). 1 month lead time. Additional hourly effort for support of Mission Integration, Safety, COFR processes and for additional Operations support.
Mission Integration, COFR and Operations Support outside of NanoRacks Locations (e.g. Cape Canaveral, Wallops).	Mission Integration, COFR and Operations Support outside of NanoRacks Locations (e.g. Cape Canaveral, Wallops). 1 month lead time. Additional hourly effort for support of Mission Integration, Safety, COFR processes and for additional Operations support when NanoRacks personnel are on travel.

Service	Service Description
Remanifesting Fee for ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle (ELV) Deployed CubeSats and NanoLabs - Charged Per U requiring remanifest.	Remanifesting Fee for ISS, ISS Visiting Vehicle, or other Expendable Launch Vehicle Deployed CubeSats and NanoLabs - Charged Per U requiring remanifest. Should satellite customer not be able to meet the delivery of the flight unit by the delivery dates specified in the contract, for reasons other than delays caused by NASA requested changes or NanoRacks delays in providing deliverables, then NanoRacks will be forced to remanifest the launch to an available launch and deployment slot. Each instance will incur a re-manifesting fee, unless such notification is made at least 4 months before the then current launch date.
Remanifesting Fee for ISS Visiting Vehicle Cubesat Deployments; charged per 3U.	Remanifesting Fee for ISS Visiting Vehicle Cubesat Deployments; charged per 3U. Should satellite customer not be able to meet the delivery of the flight unit by the delivery dates specified in the contract, for reasons other than delays caused by NASA requested changes or NanoRacks delays in providing deliverables, then NanoRacks will be forced to remanifest the launch to an available launch and deployment slot. Each instance will incur a re-manifesting fee, unless such notification is made at least 4 months before the then current launch date.
Hardware recovery, payload return priced per U, and postflight processing support.	Hardware recovery, payload return priced per U, and post-flight processing support. 5 month lead time. Includes: Manifest payload for return flight, Receive payload back at turnover from NASA and de-integrate as required for analysis.