

## NSF Approved Rates for FY16 and FY17

### Human Resources Rate (AURA-HR)

| <u>Type</u> | <u>Period</u>       | <u>Rate</u> | <u>Base</u> |
|-------------|---------------------|-------------|-------------|
| FINAL       | 10/01/14 – 09/30/15 | 2.94%       | (a)         |
| FINAL       | 10/01/15 – 09/30/16 | 3.14%       | (a)         |
| PROVISIONAL | 10/01/16 – 09/30/17 | 2.93%       | (a)         |

(a) The **direct cost base** for this rate consists of direct salaries and wages of personnel at NSF-funded AURA Centers (NOAO, NSO, DKIST, Gemini and LSST) and of AURA-O staff in Chile.

### Accounting and Procurement Rate (AURA-CAS)

| <u>Type</u> | <u>Center</u>          | <u>Period</u>       | <u>Rate</u> | <u>Base</u> |
|-------------|------------------------|---------------------|-------------|-------------|
| FINAL       | NOAO and Gemini        | 10/01/14 – 09/30/15 | 4.33%       | (b)         |
| FINAL       | LSST                   | 10/01/14 – 09/30/15 | 4.33%       | (b)         |
| FINAL       | AURA Corporate and NSO | 10/01/14 – 09/30/15 | 3.12%       | (b)         |
| FINAL       | DKIST                  | 10/01/14 – 09/30/15 | 2.69%       | (b)         |
| FINAL       | NOAO and Gemini        | 10/01/15 – 09/30/16 | 4.33%       | (b)         |
| FINAL       | LSST                   | 10/01/15 – 09/30/16 | 4.12%       | (b)         |
| FINAL       | AURA Corporate and NSO | 10/01/15 – 09/30/16 | 3.15%       | (b)         |
| FINAL       | DKIST                  | 10/01/15 – 09/30/16 | 2.94%       | (b)         |
| PROVISIONAL | NOAO and Gemini        | 10/01/16 – 09/30/17 | 4.51%       | (b)         |
| PROVISIONAL | LSST                   | 10/01/16 – 09/30/17 | 4.33%       | (b)         |
| PROVISIONAL | AURA Corporate and NSO | 10/01/16 – 09/30/17 | 3.17%       | (b)         |



|                        |                     |        |        |
|------------------------|---------------------|--------|--------|
| Chilean Hires earnings | 10/01/16 – 09/30/17 | 82.81% | Hourly |
|------------------------|---------------------|--------|--------|

**PROVISIONAL**

**Fringe Benefits**

|                                    |                     |        |        |
|------------------------------------|---------------------|--------|--------|
| U.S. Hires; Regular Staff earnings | 10/01/16 – 09/30/17 | 37.00% | Hourly |
|------------------------------------|---------------------|--------|--------|

|                                      |                     |        |        |
|--------------------------------------|---------------------|--------|--------|
| U.S. Hires; Temporary Staff earnings | 10/01/16 – 09/30/17 | 10.00% | Hourly |
|--------------------------------------|---------------------|--------|--------|

**Rate Application Bases**

- (a) On-Site Programs: Total direct costs, excluding payroll and the portion of each subaward or major purchase in excess of \$25,000 per year.  
Off-Site Programs: Total direct costs (including payroll), but excluding the portion of each subaward or major purchase in excess of \$25,000 per year.
- (b) Direct payroll and benefits of staff located in the location for which the rate is applied
- (c) Square feet of occupied building area
- (d) Square feet of telescope footprint (minimum of 2,500 square feet for Basic Services)

**Definitions:**

Major Purchase: For the purpose of this rate, “major purchase” is defined as any contract or subaward with a value that exceeds \$25,000 per year.

On-Site vs. Off-Site Program: For the purpose of this rate, “off-site” refers to any grant, award or entity that receives services from NOAO but that does not occupy space at the location for which the rate is applied; “on-site” refers to those awards or entities that receive services from NOAO and that do occupy space at the location.

Fringe Benefits: Fringe benefits consist of: FICA/Medicare, Unemployment, Workers Compensation, CTIO Benefits, Medical and Dental Insurance, Life Insurance, Short-Term and Long-Term Disability Insurance, Business Travel Insurance, Public Transportation Benefits, Tuition Reimbursement, Service Awards, Post-Retirement Benefits, and Retirement Plan Contributions.

**The National Solar Observatory (NSO)**

**PREDETERMINED**

| <b>Description</b>                  | <b>Effective Period</b> | <b>Rate</b> | <b>Base</b> |
|-------------------------------------|-------------------------|-------------|-------------|
| <b>All Locations</b>                |                         |             |             |
| Facilities and Administrative (F&A) | 10/01/16 – 09/30/17     | 8.94%       | (a)         |

**Labor Recharge Rates**

|                                      |                     |        |        |
|--------------------------------------|---------------------|--------|--------|
| U.S. Hires; Regular Staff earnings   | 10/01/16 – 09/30/17 | 57.00% | Hourly |
| U.S. Hires; Temporary Staff earnings | 10/01/16 – 09/30/17 | 12.00% | Hourly |

**PROVISIONAL**

**Fringe Benefits**

|                                      |                     |        |        |
|--------------------------------------|---------------------|--------|--------|
| U.S. Hires; Regular Staff earnings   | 10/01/16 – 09/30/17 | 31.50% | Hourly |
| U.S. Hires; Temporary Staff earnings | 10/01/16 – 09/30/17 | 9.00%  | Hourly |

**Rate Application Bases**

- (a) Total direct costs (including payroll), but excluding the portion of each subaward or major purchase in excess of \$25,000 per year.

**Definitions:**

**Major Purchase:** For the purpose of this rate, “major purchase” is defined as any contract or subaward with a value that exceeds \$25,000 per year.

**Fringe Benefits:** Fringe benefits consist of: FICA/Medicare, Unemployment, Workers Compensation, Medical and Dental Insurance, Life Insurance, Short-Term and Long-Term Disability Insurance, Business Travel Insurance, Post-Retirement Benefits, and Retirement Plan Contributions.

## The Large Synoptic Survey Telescope (LSST)

### **PREDETERMINED**

| <b>Description</b>                   | <b>Effective Period</b> | <b>Rate</b> | <b>Base</b> |
|--------------------------------------|-------------------------|-------------|-------------|
| Facilities and Administrative (F&A)  | 10/01/16 – 09/30/17     | 20.22%      | (a)         |
| <b><u>Labor Recharge Rates</u></b>   |                         |             |             |
| U.S. Hires; Regular Staff earnings   | 10/01/16 – 09/30/17     | 57.00%      | Hourly      |
| U.S. Hires, Temporary Staff earnings | 10/01/16 – 09/30/17     | 12.00%      | Hourly      |

### **PROVISIONAL**

#### **Fringe Benefits**

|                                      |                     |        |        |
|--------------------------------------|---------------------|--------|--------|
| U.S. Hires; Regular Staff earnings   | 10/01/16 – 09/30/17 | 30.00% | Hourly |
| U.S. Hires, Temporary Staff earnings | 10/01/16 – 09/30/17 | 9.00%  | Hourly |

#### **Rate Application Bases**

- (a) On-Site Programs: Total direct costs (including payroll), but excluding the portion of each subaward or major purchase in excess of \$25,000 per year.

**Treatment of Paid Absences:** Vacation, holiday, sick leave pay and other paid absences are included in salaries and wages and are claimed on grants, contracts and other agreements as part of the normal cost of salaries and wages.

#### **Definitions:**

**Major Purchase:** For the purpose of this rate, “major purchase” is defined as any contract or subaward with a value that exceeds \$25,000 per year.

**Fringe Benefits:** Fringe benefits consist of: FICA/Medicare, Unemployment, Workers Compensation, Medical and Dental Insurance, Life Insurance, Short-Term and Long-Term Disability Insurance, and Retirement Plan Contributions.

**The Gemini Observatory**

**PREDETERMINED**

| <u>Description</u>                   | <u>Effective Period</u> | <u>Rate</u> | <u>Base</u> |
|--------------------------------------|-------------------------|-------------|-------------|
| Facilities and Administrative (F&A)  | 10/01/16 – 09/30/17     | 26.27%      | (a)         |
| <b><u>Labor Recharge Rates</u></b>   |                         |             |             |
| U.S. Hires; Regular Staff earnings   | 10/01/16-9/30/17        | 51.00%      | Hourly      |
| U.S. Hires, Temporary Staff earnings | 10/01/16-09/30/17       | 12.00%      | Hourly      |

**PROVISIONAL**

**Fringe Benefits**

|                             |                   |        |                 |
|-----------------------------|-------------------|--------|-----------------|
| U.S. Hires; Regular Staff   | 10/01/16-09/30/17 | 25.00% | Hourly earnings |
| U.S. Hires, Temporary Staff | 10/01/16-09/30/17 | 9.00%  | Hourly earnings |

Rate Application Bases

(a) On-Site Programs: Total direct costs (including payroll), but excluding the portion of each subaward or major purchase in excess of \$25,000 per year.

**Definitions:**

Major Purchase: For the purpose of this rate, “major purchase” is defined as any contract or subaward with a value that exceeds \$25,000 per year.

On-Site vs. Off-Site Program: For the purpose of this rate, “off-site” refers to any grant, award or entity that receives services from Gemini but that does not occupy space at the location for which the rate is applied; “on-site” refers to those awards or entities that receive services from Gemini and that do occupy space at the location.

Fringe Benefits: Fringe benefits consist of: FICA/Medicare, Unemployment, Workers Compensation, Medical and Dental Insurance, Life Insurance, Short-Term and Long-Term Disability Insurance, and Retirement Plan Contributions.