

**OVERALL & CONTRACT
DBE GOAL METHODOLOGY**

Airport Sponsor
Airport Name Lewiston-Nez Perce County Airport
Goal Period FY 2016-2018 10/01/15 to 9/30/18
Projects AIP No. 3-16-0022-039-XXX
Name of Preparer Charles Schoenfelder, T-O Engineers

Overall DBE Goal: **0.9%**

PART 1: DBE GOAL METHODOLOGY

The calculation of three-year and contract DBE Goals, based upon 49 CFR Part 26, is a multi-phase task. The intent of the program is to create a level playing field on which DBE firms are able to compete fairly without creating a disadvantage to non-DBE competitors. This is accomplished through a detailed approach to setting both three-year and contract DBE goals that realistically consider the relevant demographics of the professional services and construction industries in the Sponsor's location as it relates to anticipated AIP eligible work in a given fiscal year.

Name of Recipient: Lewiston-Nez Perce County Airport.

Goal Period: FY2016-2018. The three-goal setting period for Non-Hub Primary airports is FY 2016/2017/2018.

DOT-assisted contract amounts:

FY2016	\$758,447.00
FY2017	\$5,315,000.00
FY2018	<u>\$2,014,500.00</u>
Total	\$8,087,947.00

The Dot-assisted contract amounts include acquisition of Snow Removal Equipment and an ARFF Vehicle, but these contracts are not included in DBE goal calculation. Contract amounts shown are total amounts. Goals are expressed as a percentage of the total amount of a DOT-assisted contract.

Overall Three-Year Goal: 0.9%, to be accomplished through 0.0% RC and 0.9% RN. (Overall goal is weighted percentage of the DBE goal for all contracts).

Total dollar amount to be expended on DBE's: \$62,600.00.

Describe the Number and Type of DOT-Assisted Contracts that the airport anticipates awarding:

Contracts Fiscal Year FY2016.

Contract #1. Professional Services (Design Engineering) - Acquire Snow Removal Equipment. Work to include: specifications, procurement documents, bidding services, and grant administration. Estimated Amount = \$46,959.00.

Contract #2. Procurement - Acquire Snow Removal Equipment. Estimated Amount = \$590,730.00. The value of Contract #2 is included in the summary of DOT-assisted contracts, but is not included in DBE goal calculations.

Contract #3. Professional Services (Design Engineering) - Pavement Management Program. Estimated Amount = \$120,758.00.

Contracts Fiscal Year FY2017.

Contract #4. Professional Services (Architectural, Design Engineering) - ARFF/SRE Building. Work to include: design, construction plans and specifications, surveying, drafting, and grant administration. Estimated Amount = \$425,000.00.

Contract #5. Professional Services (Design Engineering) - Acquire ARFF Vehicle. Work to include: specifications, procurement documents, bidding services, and grant administration. Estimated Amount = \$55,555.00.

Contract #6. Procurement - Acquire ARFF Vehicle. Estimated Amount = \$694,445.00. The value of Contract #6 is included in the summary of DOT-assisted contracts, but is not included in DBE goal calculations.

Contract #7. Construction - ARFF/SRE Building. Work to include: site preparation, grading, building construction, construction surveys, and materials testing. Estimated Amount = \$3,869,215.00.

Contract #8. Professional Services (Engineering Inspection) - ARFF/SRE Building. Work to include: bidding services, surveying, drafting, construction observation, quality assurance, grant administration, and preparation of project closeout documentation. Estimated Amount = \$270,785.00.

Contracts Fiscal Year FY2018.

Contract #9. Professional Services (Design Engineering and Inspection) - Rehabilitate Taxiways D and F. Work to include: design, construction plans and specifications, bidding services, surveying, drafting, construction observation, quality assurance, and grant administration. Estimated Amount = \$185,937.00.

Contract #10. Construction - Rehabilitate Taxiways D and F. Work to include: pavement removal, excavation, grading, aggregate production and placement, bituminous pavement, drainage improvements, pavement marking, construction surveys, and materials testing. Estimated Amount = \$929,688.00.

Contract #11. Professional Services (Engineering Design and Inspection) - Install Lighting Taxiways D and F. Work to include: design, construction plans and specifications, drafting, bidding services, construction observation, and grant administration. Estimated Amount = \$87,312.00.

Contract #12. Construction - Install Lighting Taxiways D and F. Work to include: install edge lights, conduits and conductors, and construction surveys,. Estimated Amount = \$436,563.00.

Contract #13. Professional Services (Design Engineering) - Reconstruct Runway 12-30. Work to include: design, construction plans and specifications, bidding services, surveying, drafting, construction observation, quality assurance, and grant administration. Estimated Amount = \$375,000.00.

Step 1: DETERMINING A BASE FIGURE FOR THE OVERALL GOAL.

The process begins with the estimated cost and scope of anticipated work associated with AIP funding during Federal FY 2016-2018. The next step is listing the work elements of the project by North American Industry Classification System (NAICS) Code number and NAICS Code description.

The next step is to define the market area where a substantial majority of the airports’ contractors and subcontractors come from and the area which the airports spend a substantial amount of their contracting dollars. The market area includes Benewah, Latah, Kootenai and Nez Perce Counties, Idaho, and Asotin, Spokane and Whitman Counties, Washington.

In the market area the numbers of firms doing business with the same NAICS Code as project elements are counted. Information as to total available firms based on NAICS Code in a county is available from the United States Census Bureau, County Business Patterns (2014).

The process continues by listing the number of Certified (ready, willing and able) DBE firms based within the market area that perform the same type of work described by NAICS description. The DBE directory used to gather specific DBE firm information is from the Idaho Transportation Department updated October 2016. The objective is to set the goal to reflect the market of contractors/consultants available to provide services during FY 2016-2018 at Lewiston-Nez Perce County Airport. The result is a database of the number of DBE firms potentially available in the market area, the types of work they perform and the share they represent of the area workforce.

Tables 1 and 2 present contractor and material supplier availability data for the market area of Benewah, Latah, Kootenai and Nez Perce Counties, Idaho, and Asotin, Spokane and Whitman Counties, Washington. Table 3 presents market area data for professional services consultants available in the State of Idaho.

TABLE 1
CONTRACTOR AVAILABILITY

NAICS Code	Description	Benewah County		Latah County		Kootenai County		Nez Perce County	
		All	DBE	All	DBE	All	DBE	All	DBE
115112	Soil preparation and planting	0	0	4	0	1	0	0	0
236220	Commercial building construction	0	0	3	0	19	0	6	0
237110	Water, sewer related construction	2	0	0	0	12	0	0	0
237310	Highway, street (runway) construction	3	0	1	0	10	1	4	0
238110	Concrete construction	0	0	6	0	24	0	2	0
238120	Steel and precast construction	0	0	0	0	0	0	0	0
238130	Framing contractors	1	0	2	0	32	0	0	0
238140	Masonry contractors	1	0	1	0	18	0	2	0
238150	Glass and glazing contractors	0	0	1	0	2	0	1	0
238160	Roofing contractors	2	0	0	0	20	0	3	0
238210	Electrical contractors	4	0	11	0	69	0	12	0
238220	Plumbing and HVAC contractors	3	0	10	0	69	0	11	0
238290	Building equipment contractors	0	0	0	0	4	0	0	0
238310	Drywall and insulation contractors	1	0	4	0	30	0	3	0
238320	Painting contractors	0	0	4	0	23	0	1	0
238330	Flooring contractors	1	0	3	0	14	0	2	0
238350	Finish carpentry	0	0	5	0	27	0	4	0
238910	Site preparation contractors	4	0	11	0	43	0	7	0
238990	Specialty trade contractors	0	0	4	0	48	1	15	0
484220	Dump trucking	12	0	12	0	26	2	7	0
541370	Construction surveys	1	0	2	0	3	0	0	0
541380	Construction materials testing	0	0	3	0	4	0	1	0
561730	Landscaping contractors	1	0	11	0	79	1	21	0
561990	Flagging, traffic control, other services	2	1	5	0	11	2	4	0

TABLE 2
MATERIAL SUPPLIER AVAILABILITY

NAICS Code	Description	Benewah County		Latah County		Kootenai County		Nez Perce County	
		All	DBE	All	DBE	All	DBE	All	DBE
327320	Ready-mix concrete	1	0	0	0	2	0	1	0
327332	Concrete pipe	0	0	0	0	1	0	0	0
327390	Concrete precast	0	0	0	0	0	0	1	0
423310	Lumber, plywood	0	0	1	0	13	0	1	0
423320	Brick, concrete block, stone	0	0	0	0	3	0	0	0
423330	Roofing, siding, insulation	0	0	0	0	1	0	0	0
423510	Structural steel	0	0	0	0	3	0	1	0
423610	Electrical supplies	0	0	0	0	8	0	2	0
423720	Plumbing and HVAC equipment	0	0	0	0	4	0	3	0
423830	Special purpose machinery	0	0	0	0	13	0	3	0
424710	Petroleum terminals (asphalt)	0	0	1	0	3	0	1	0

TABLE 1
CONTRACTOR AVAILABILITY, continued

NAICS Code	Description	Asotin County		Spokane County		Whitman County		Total	
		All	DBE	All	DBE	All	DBE	All	DBE
115112	Soil preparation and planting	1	0	2	0	7	0	15	0
236220	Commercial building construction	3	1	87	0	1	0	119	1
237110	Water, sewer related construction	0	0	18	0	0	0	32	0
237310	Highway, street (runway) construction	5	0	21	1	1	0	45	2
238110	Concrete construction	2	0	54	0	4	0	92	0
238120	Steel and precast construction	0	0	7	0	0	0	7	0
238130	Framing contractors	2	0	42	0	0	0	79	0
238140	Masonry contractors	0	0	25	0	0	0	47	0
238150	Glass and glazing contractors	0	0	5	0	1	0	10	0
238160	Roofing contractors	0	0	39	0	2	0	66	0
238210	Electrical contractors	9	0	131	0	7	0	243	0
238220	Plumbing and HVAC contractors	5	1	137	0	11	0	246	1
238290	Building equipment contractors	0	0	16	0	0	0	20	0
238310	Drywall and insulation contractors	1	0	42	0	0	0	81	0
238320	Painting contractors	7	0	83	0	4	0	122	0
238330	Flooring contractors	3	0	42	0	2	0	67	0
238350	Finish carpentry	0	0	49	0	1	0	86	0
238910	Site preparation contractors	3	0	91	1	4	0	163	1
238990	Specialty trade contractors	2	0	65	0	2	0	136	1
484220	Dump trucking	2	0	20	0	5	0	84	2
541370	Construction surveys	0	0	10	0	0	0	16	0
541380	Construction materials testing	1	0	16	0	2	0	27	0
561730	Landscaping contractors	3	0	166	0	7	0	288	1
561990	Flagging, traffic control, other services	2	0	26	1	0	0	50	4

TABLE 2
MATERIAL SUPPLIER AVAILABILITY, continued

NAICS Code	Description	Asotin County		Spokane County		Whitman County		Total	
		All	DBE	All	DBE	All	DBE	All	DBE
327320	Ready-mix concrete	0	0	1	0	1	0	6	0
327332	Concrete pipe	0	0	1	0	0	0	2	0
327390	Concrete precast	0	0	7	0	0	0	8	0
423310	Lumber, plywood	0	0	26	0	0	0	41	0
423320	Brick, concrete block, stone	0	0	7	0	1	0	11	0
423330	Roofing, siding, insulation	0	0	12	0	0	0	13	0
423510	Structural steel	0	0	15	0	0	0	19	0
423610	Electrical supplies	2	0	27	0	2	0	41	0
423720	Plumbing and HVAC equipment	0	0	16	0	0	0	23	0
423830	Special purpose machinery	1	0	55	0	7	0	71	0
424710	Petroleum terminals (asphalt)	0	0	8	0	2	0	15	0

TABLE 3
PROFESSIONAL SERVICES CONSULTANTS

NAICS Code	Work Type Description	State of Idaho	
		All	DBE
531310	Architect	113	1
541330	Engineering	378	8
541340	Drafting	37	1
541370	Surveying	57	3
541380	Geotechnical/construction materials testing	38	1

Computation of the overall goal is determined by weighting the portion each anticipated contract, Professional Services and Construction, represents of the total estimated cost of work associated with AIP funding for Federal FY 2016-2018. The result is the 'Base Figure for the Overall Three-Year DBE Goal.'

The first step in weighting the goal is to divide each prime contract into its major elements. Each element is evaluated for DBE firm contracting opportunities. The work scope evaluation is based on the Professional Services scopes of work (Contract Nos. 1, 3, 4, 5, 8, 9, 11, 13) and the estimated cost of construction (Contract Nos. 7, 10, 12). Work tasks are assigned a distinct NAICS Code number. Tables 4 through 7 show the weighted goal calculation methodology for each contract. Note that Contract No. 2 Acquire Snow Removal Equipment is not included in the DBE goal calculations.

TABLE 4
CONTRACTS WORK ELEMENT BREAKDOWN

NAICS Code	Work Type Description	Work Type Element Cost	Portion of Total Cost %	Cost Element Multiplier
Fiscal Year 2016 Contracts				
Contract 1. Professional Services (Design Engineering): Acquire Snow Removal Equipment				
541330	Engineering	\$46,959.00	100.0	1.000
TOTAL CONTRACT #1 COST:		\$46,959.00	100.0	1.000
Contract 3. Professional Services (Design Engineering): Pavement Management Program				
541330	Engineering	\$120,758.00	100.0	1.000
TOTAL CONTRACT #3 COST:		\$120,758.00	100.0	1.000
Total Fiscal Year 2016 Contracts:		\$167,717.00		
Fiscal Year 2017 Contracts				
Contract 4. Professional Services (Architectural, Engineering): Construct ARFF/SRE Building				
531310	Architect	\$225,000.00	52.9	0.529
541330	Engineering	\$160,000.00	37.6	0.376
541340	Drafting	\$18,000.00	4.2	0.042
541370	Surveying	\$12,000.00	2.8	0.028
541380	Geotechnical/materials testing	\$10,000.00	2.4	0.024
TOTAL CONTRACT #4 COST:		\$425,000.00	100.0	1.000
Contract 5. Professional Services (Design Engineering): Acquire ARFF Vehicle				
541330	Engineering	\$55,555.00	100.0	1.000
TOTAL CONTRACT #5 COST:		\$55,555.00	100.0	1.000
Contract 7. Construction: Construct ARFF/SRE Building				
236220	Commercial building construction	\$380,000.00	9.8	0.098
237110	Water, sewer and related construction	\$59,200.00	1.5	0.015
237310	Highway, street (runway) construction	\$174,300.00	4.5	0.045
238110	Concrete construction	\$299,800.00	7.7	0.077
238120	Steel and precast construction	\$285,700.00	7.4	0.074
238130	Framing contractors	\$167,900.00	4.3	0.043
238150	Glass and glazing contractors	\$65,800.00	1.7	0.017
238160	Roofing contractors	\$65,700.00	1.7	0.017
238210	Electrical contractors	\$174,200.00	4.5	0.045
238220	Plumbing and HVAC contractors	\$229,515.00	5.9	0.059
238290	Building equipment contractors	\$183,900.00	4.8	0.048
238310	Drywall and insulation contractors	\$229,600.00	5.9	0.059
238320	Painting contractors	\$30,600.00	0.8	0.008
238330	Flooring contractors	\$27,900.00	0.7	0.007
238350	Finish carpentry	\$15,000.00	0.4	0.004
238910	Site preparation contractors	\$74,200.00	1.9	0.019
238990	Specialty trade contractors	\$62,300.00	1.6	0.016
484220	Dump trucking	\$33,200.00	0.9	0.009
541370	Construction surveys	\$11,700.00	0.3	0.003
541380	Construction materials testing	\$63,500.00	1.6	0.016
561730	Landscaping contractors	\$18,100.00	0.5	0.005
561990	Flagging, traffic control, other services	\$10,200.00	0.3	0.003

**TABLE 4
CONTRACTS WORK ELEMENT BREAKDOWN**

NAICS Code	Work Type Description	Work Type Element Cost	Portion of Total Cost %	Cost Element Multiplier
Contract 7. Supplies: Construct ARFF/SRE Building				
327320	Ready-mix concrete	\$131,800.00	3.4	0.034
423310	Lumber, plywood	\$116,500.00	3.0	0.030
423330	Roofing, siding, insulation	\$136,500.00	3.5	0.035
423510	Structural steel	\$209,100.00	5.4	0.054
423610	Electrical supplies	\$221,600.00	5.7	0.057
423720	Plumbing and HVAC equipment	\$378,500.00	9.8	0.098
423830	Special purpose machinery	\$9,100.00	0.2	0.002
424710	Petroleum terminals (asphalt)	\$3,800.00	0.1	0.001
TOTAL CONTRACT #7 COST:		\$3,869,215.00	100.0	1.000
Contract 8. Professional Services (Engineering Inspection): Construct ARFF/SRE Building				
531310	Architect	\$185,000.00	68.3	0.683
541330	Engineering	\$55,000.00	20.3	0.203
541340	Drafting	\$9,000.00	3.3	0.033
541370	Surveying	\$4,000.00	1.5	0.015
541380	Construction materials testing	\$17,785.00	6.6	0.066
TOTAL CONTRACT #8 COST:		\$270,785.00	100.0	1.000
Total Fiscal Year 2017 Contracts:		\$4,620,055.00		
Fiscal Year 2018 Contracts				
Contract 9. Professional Services (Design Engineering and Inspection): Rehabilitate Taxiways D, F				
541330	Engineering	\$151,937.00	81.7	0.817
541340	Drafting	\$8,000.00	4.3	0.043
541370	Surveying	\$12,000.00	6.5	0.065
541380	Geotechnical/materials testing	\$14,000.00	7.5	0.075
TOTAL CONTRACT #9 COST:		\$185,937.00	100.0	1.000
Contract 10. Construction: Rehabilitate Taxiways D, F				
115112	Soil preparation and planting	\$2,000.00	0.2	0.002
237110	Water, sewer and related construction	\$50,000.00	5.4	0.054
237310	Highway, street (runway) construction	\$219,688.00	23.6	0.236
238210	Electrical contractors	\$32,000.00	3.4	0.034
238910	Site preparation contractors	\$52,000.00	5.6	0.056
238990	Specialty trade contractors	\$9,000.00	1.0	0.010
484220	Dump trucking	\$275,000.00	29.6	0.296
541370	Construction surveys	\$14,000.00	1.5	0.015
541380	Construction materials testing	\$24,500.00	2.6	0.026
561730	Landscaping/seeding	\$2,000.00	0.2	0.002
561990	Flagging, traffic control, other services	\$12,500.00	1.3	0.013
Contract 10. Supplies: Expand Terminal Parking Apron				
327320	Ready-mix concrete	\$2,000.00	0.2	0.002
327332	Concrete pipe	\$5,500.00	0.6	0.006
327390	Concrete precast	\$5,500.00	0.6	0.006
423610	Electrical supplies	\$14,000.00	1.5	0.015
424710	Petroleum terminals (asphalt)	\$210,000.00	22.6	0.226
TOTAL CONTRACT #10 COST:		\$929,688.00	100.0	1.000

TABLE 4
CONTRACTS WORK ELEMENT BREAKDOWN, continued

NAICS Code	Work Type Description	Work Type Element Cost	Portion of Total Cost %	Cost Element Multiplier
Contract 11. Professional Services (Design Engineering and Inspection):				
Install Lighting Taxiways D, F				
541330	Engineering	\$79,312.00	90.8	0.908
541340	Drafting	\$4,350.00	5.0	0.050
541370	Surveying	\$3,650.00	4.2	0.042
TOTAL CONTRACT #11 COST:		\$87,312.00	100.0	1.000
Contract 12. Construction: Install Lighting Taxiways D, F				
237310	Highway, street (runway) construction	\$7,000.00	1.6	0.016
238210	Electrical contractors	\$271,063.00	62.1	0.621
238910	Site preparation contractors	\$3,500.00	0.8	0.008
238990	Specialty trade contractors	\$3,500.00	0.8	0.008
484220	Dump trucking	\$2,500.00	0.6	0.006
541370	Construction surveys	\$4,000.00	0.9	0.009
541380	Construction materials testing	\$2,000.00	0.5	0.005
561990	Flagging, traffic control, other services	\$5,000.00	1.1	0.011
Contract 12. Supplies: Install Lighting Taxiways D, F				
327320	Ready-mix concrete	\$2,500.00	0.6	0.006
423610	Electrical supplies	\$135,500.00	31.0	0.310
TOTAL CONTRACT #12 COST:		\$436,563.00	100.0	1.000
Contract 13. Professional Services (Engineering Inspection): Reconstruct Runway 12-30				
541330	Engineering	\$322,125.00	85.9	0.859
541340	Drafting	\$18,000.00	4.8	0.048
541370	Surveying	\$15,375.00	4.1	0.041
541380	Geotechnical/materials testing	\$19,500.00	5.2	0.052
TOTAL CONTRACT #13 COST:		\$375,000.00	100.0	1.000
Total Fiscal Year 2018 Contracts:		\$2,014,000.00		

The next task is to identify the number of DBE firms considered available to perform the type of work characterized by the NAICS Code. Table 5 summarizes DBE availability for contractors, suppliers and professional services consultants and establishes the respective DBE Element Multipliers. Only those NAICS Code elements that have potential DBE participation are shown.

**TABLE 5
CONTRACTOR and MATERIAL SUPPLIER - ALL CONTRACTS
DBE AVAILABILITY BY NAICS CODE**

NAICS Code and Description	Total Firms	DBE Firms	% DBE of Total Avail.	DBE Element Multiplier
236220 Commercial building construction	119	1	0.8	0.008
237310 Highway, street (runway) construction	45	2	4.4	0.044
238220 Plumbing and HVAC contractors	246	1	0.4	0.004
238910 Site preparation contractors	163	1	0.6	0.006
238990 Specialty trade contractors	136	1	0.7	0.007
484220 Dump trucking	84	2	2.4	0.024
561730 Landscaping contractors	288	1	0.3	0.003
561990 Flagging, traffic control, other services	50	4	8.0	0.080

**TABLE 5, continued
PROFESSIONAL SERVICES CONSULTANT - ALL CONTRACTS
DBE AVAILABILITY BY NAICS CODE**

NAICS Code and Description	Total Firms	DBE Firms	% DBE of Total Avail.	DBE Element Multiplier
541310 Architect	113	1	0.9	0.009
541330 Engineering	378	8	2.1	0.021
541340 Drafting	37	1	2.7	0.027
541370 Surveying	57	3	5.3	0.053
541380 Geotechnical/materials testing	38	1	2.6	0.026

The next calculation establishes a DBE Participation Multiplier to be used to calculate the dollar value of participation expected from DBE firms based on NAICS Code element. The DBE Participation Multiplier is calculated by multiplying the Cost Element Multipliers in Table 4 by the DBE Element Multiplier in Table 5. Only those NAICS Code elements that have potential DBE participation are shown. Only 60% of the value of supplies and materials purchased from a DBE supplier count toward the DBE goal.

**TABLE 6
DBE PARTICIPATION MULTIPLIER CALCULATION**

NAICS Code	Work Type Description	Cost Element Multiplier	DBE Element Multiplier	DBE Participation Multiplier
Fiscal Year 2016 Contracts				
Contract 1. Professional Services (Design Engineering): Acquire Snow Removal Equipment				
541330	Engineering	1.000	0.021	0.0210
Contract 3. Professional Services (Design Engineering): Pavement Management Program				
541330	Engineering	1.000	0.021	0.0210

TABLE 6
DBE PARTICIPATION MULTIPLIER CALCULATION, continued

NAICS Code	Work Type Description	Cost Element Multiplier	DBE Element Multiplier	DBE Participation Multiplier
Fiscal Year 2017 Contracts				
Contract 4. Professional Services (Architectural, Engineering): Construct ARFF/SRE Building				
531310	Architect	0.529	0.009	0.0048
541330	Engineering	0.376	0.021	0.0079
541340	Drafting	0.042	0.027	0.0011
541370	Surveying	0.028	0.053	0.00015
541380	Geotechnical/materials testing	0.024	0.026	0.0006
Contract 5. Professional Services (Design Engineering): Acquire ARFFF Vehicle				
541330	Engineering	1.000	0.021	0.0210
Contract 7. Construction: Construct ARFF/SRE Building				
236220	Commercial building construction	0.098	0.008	0.0008
237310	Highway, street (runway) construction	0.045	0.044	0.0020
238220	Plumbing and HVAC contractors	0.059	0.004	0.0002
238910	Site preparation contractors	0.019	0.006	0.0001
238990	Specialty trade contractors	0.016	0.007	0.0001
484220	Dump trucking	0.009	0.024	0.0002
561730	Landscaping contractors	0.005	0.003	0.00002
561990	Flagging, traffic control, other services	0.003	0.080	0.0002
Contract 8. Professional Services (Engineering Inspection): Construct ARFF/SRE Building				
531310	Architect	0.683	0.009	0.0061
541330	Engineering	0.203	0.021	0.0043
541340	Drafting	0.033	0.027	0.0009
541370	Surveying	0.015	0.053	0.0008
541380	Construction materials testing	0.066	0.026	0.0017
Fiscal Year 2018 Contracts				
Contract 9. Professional Services (Design Engineering and Inspection): Rehabilitate Taxiways D, F				
541330	Engineering	0.817	0.021	0.0172
541340	Drafting	0.043	0.027	0.0012
541370	Surveying	0.065	0.053	0.0020
541380	Geotechnical/materials testing	0.075	0.026	0.0138
Contract 10. Construction: Rehabilitate Taxiways D, F				
237310	Highway, street (runway) construction	0.236	0.044	0.0104
238910	Site preparation contractors	0.056	0.006	0.0003
238990	Specialty trade contractors	0.010	0.007	0.0001
484220	Dump trucking	0.296	0.024	0.0071
561730	Landscaping/seeding	0.002	0.003	Negligible
561990	Flagging, traffic control, other services	0.013	0.080	0.0010
Contract 11. Professional Services (Design Engineering and Inspection): Install Lighting Taxiways D, F				
541330	Engineering	0.908	0.021	0.0191
541340	Drafting	0.050	0.027	0.0014
541370	Surveying	0.042	0.053	0.0022

TABLE 6
DBE PARTICIPATION MULTIPLIER CALCULATION, continued

NAICS Code	Work Type Description	Cost Element Multiplier	DBE Element Multiplier	DBE Participation Multiplier
Contract 12. Construction: Install Lighting Taxiways D, F				
237310	Highway, street (runway) construction	0.016	0.044	0.0007
238910	Site preparation contractors	0.008	0.006	Negligible
238990	Specialty trade contractors	0.008	0.007	0.0001
484220	Dump trucking	0.006	0.024	0.0001
561990	Flagging, traffic control, other services	0.011	0.080	0.0009
Contract 13. Professional Services (Engineering Inspection): Reconstruct Runway 12-30				
541330	Engineering	0.859	0.021	0.0180
541340	Drafting	0.048	0.027	0.0013
541370	Surveying	0.041	0.053	0.0022
541380	Geotechnical/materials testing	0.052	0.026	0.0014

The next step in the process is to establish the dollar value of reasonable DBE participation by contract element, or NAICS Code. This is calculated by multiplying the estimated dollar value total for each contract by the DBE Participation Multiplier calculated in Table 6. The sum of the values identified as the DBE Value in Table 7 represents the total dollar value of DBE participation that can reasonably be expected for all contracts.

TABLE 7
CALCULATED DBE PARTICIPATION DOLLAR VALUE

NAICS Code	Work Type Description	Contract Amount	DBE Participation Multiplier	DBE Value
Fiscal Year 2016 Contracts				
Contract 1. Professional Services (Design Engineering): Acquire Snow Removal Equipment				
541330	Engineering	\$46,959.00	0.0210	\$986.00
TOTAL CONTRACT #1:				\$986.00
Contract 3. Professional Services (Design Engineering): Pavement Management Program				
541330	Engineering	\$120,758.00	0.0210	\$2,536.00
TOTAL CONTRACT #3:				\$2,536.00
Total Fiscal Year 2016 Contracts:				\$3,522.00

TABLE 7
CALCULATED DBE PARTICIPATION DOLLAR VALUE, continued

NAICS Code	Work Type Description	Contract Amount	DBE Participation Multiplier	DBE Value
Fiscal Year 2017 Contracts				
Contract 4. Professional Services (Architectural, Engineering): Construct ARFF/SRE Building				
531310	Architect	\$425,000.00	0.0048	\$2,040.00
541330	Engineering	\$425,000.00	0.0079	\$3,358.00
541340	Drafting	\$425,000.00	0.0011	\$468.00
541370	Surveying	\$425,000.00	0.00015	\$638.00
541380	Geotechnical/materials testing	\$425,000.00	0.0006	\$255.00
TOTAL CONTRACT #4:				\$6,759.00
Contract 5. Professional Services (Design Engineering): Acquire ARFFF Vehicle				
541330	Engineering	\$55,555.00	0.0210	\$1,167.00
TOTAL CONTRACT #5:				\$1,167.00
Contract 7. Construction: Construct ARFF/SRE Building				
236220	Commercial building construction	\$3,869,215.00	0.0008	\$3,095.00
237310	Highway, street (runway) construction	\$3,869,215.00	0.0020	\$7,738.00
238220	Plumbing and HVAC contractors	\$3,869,215.00	0.0002	\$774.00
238910	Site preparation contractors	\$3,869,215.00	0.0001	\$387.00
238990	Specialty trade contractors	\$3,869,215.00	0.0001	\$387.00
484220	Dump trucking	\$3,869,215.00	0.0002	\$774.00
561730	Landscaping contractors	\$3,869,215.00	0.00002	\$77.00
561990	Flagging, traffic control, other services	\$3,869,215.00	0.0002	\$774.00
TOTAL CONTRACT #7:				\$14,006.00
Contract 8. Professional Services (Engineering Inspection): Construct ARFF/SRE Building				
531310	Architect	\$270,785.00	0.0061	\$1,652.00
541330	Engineering	\$270,785.00	0.0043	\$1,164.00
541340	Drafting	\$270,785.00	0.0009	\$244.00
541370	Surveying	\$270,785.00	0.0008	\$217.00
541380	Construction materials testing	\$270,785.00	0.0017	\$460.00
TOTAL CONTRACT #8:				\$3,737.00
Total Fiscal Year 2017 Contracts:				\$25,669.00
Fiscal Year 2018 Contracts				
Contract 9. Professional Services (Design Engineering and Inspection): Rehabilitate Taxiways D, F				
541330	Engineering	\$185,937.00	0.0172	\$3,198.00
541340	Drafting	\$185,937.00	0.0012	\$223.00
541370	Surveying	\$185,937.00	0.0020	\$632.00
541380	Geotechnical/materials testing	\$185,937.00	0.0138	\$372.00
TOTAL CONTRACT #9:				\$4,425.00
Contract 10. Construction: Rehabilitate Taxiways D, F				
237310	Highway, street (runway) construction	\$929,688.00	0.0104	\$9,669.00
238910	Site preparation contractors	\$929,688.00	0.0003	\$279.00
238990	Specialty trade contractors	\$929,688.00	0.0001	\$93.00
484220	Dump trucking	\$929,688.00	0.0071	\$6,601.00
561730	Landscaping/seeding	\$929,688.00	Negligible	\$6.00
561990	Flagging, traffic control, other services	\$929,688.00	0.0010	\$930.00
TOTAL CONTRACT #10:				\$17,578.00

TABLE 7
CALCULATED DBE PARTICIPATION DOLLAR VALUE, continued

NAICS Code	Work Type Description	Contract Amount	DBE Participation Multiplier	DBE Value
Contract 11. Professional Services (Design Engineering and Inspection):				
Install Lighting Taxiways D, F				
541330	Engineering	\$87,312.00	0.0191	\$1,668.00
541340	Drafting	\$87,312.00	0.0014	\$122.00
541370	Surveying	\$87,312.00	0.0022	\$192.00
TOTAL CONTRACT #11:				\$1,982.00
Contract 12. Construction: Install Lighting Taxiways D, F				
237310	Highway, street (runway) construction	\$436,563.00	0.0007	\$306.00
238910	Site preparation contractors	\$436,563.00	Negligible	\$21.00
238990	Specialty trade contractors	\$436,563.00	0.0001	\$44.00
484220	Dump trucking	\$436,563.00	0.0001	\$44.00
561990	Flagging, traffic control, other services	\$436,563.00	0.0009	\$393.00
TOTAL CONTRACT #12:				\$808.00
Contract 13. Professional Services (Engineering Inspection): Reconstruct Runway 12-30				
541330	Engineering	\$375,000.00	0.0180	\$6,750.00
541340	Drafting	\$375,000.00	0.0013	\$488.00
541370	Surveying	\$375,000.00	0.0022	\$825.00
541380	Geotechnical/materials testing	\$375,000.00	0.0014	\$525.00
TOTAL CONTRACT #13				\$8,588.00
Total Fiscal Year 2018 Contracts:				\$33,381.00

The calculation of the base figure for the overall three-year DBE goal is the total DBE value for all contracts divided by the total contract value. This resultant value is the base figure for the determination of the overall three-year DBE goal.

**LEWISTON- NEZ PERCE COUNTY AIRPORT
AIP RELATED CONTRACTS - FY 2016-2018
STEP 1 - BASE FIGURE FOR THE OVERALL DBE GOAL**

Contract	Total Contract Amount	Total DBE Amount	Weighted Base Figure Goal
Fiscal Year 2016 Contracts			
1. Professional Services (Design Engineering): Acquire Snow Removal Equipment	\$46,959.00	\$986.00	2.1%
3. Professional Services (Design Engineering): Pavement Management Program	\$120,758.00	\$2,536.00	2.1%
Total Fiscal Year 2016 Contracts	\$167,717.00	\$3,522.00	2.1%
Fiscal Year 2017 Contracts			
4. Professional Services (Architectural, Design Engineering): Construct ARFF/SRE Building	\$425,000.00	\$6,759.00	1.6%
5. Professional Services (Design Engineering): Acquire ARFF Vehicle	\$55,555.00	\$1,167.00	2.1%
7. Construction: Construct ARFF/SRE Building	\$3,869,215.00	\$14,006.00	0.4%
8. Professional Services (Engineering Inspection): Construct ARFF/SRE Building	\$270,785.00	\$3,737.00	1.4%
Total Fiscal Year 2017 Contracts	\$4,620,555.00	\$25,669.00	0.6%
Fiscal Year 2018 Contracts			
9. Professional Services (Design Engineering and Inspection): Rehabilitate Taxiways D, F	\$185,937.00	\$4,425.00	2.4
10. Construction: Rehabilitate Taxiways D, F	\$929,688.00	\$17,578.00	1.9%
11. Professional Services (Design Engineering and Inspection): Install Lighting Taxiways D, F	\$87,312.00	\$1,982.00	2.3%
12. Construction: Install Lighting Taxiways D, F	\$436,563.00	\$808.00	0.2%
13. Professional Services (Design Engineering): Reconstruct Runway 12-30	\$375,000.00	\$8,588.00	2.3%
Total Fiscal Year 2018 Contracts	\$2,014,500.00	\$33,381.00	1.7%
TOTAL ALL CONTRACTS	\$6,802,772.00	\$62,572.00	0.9%

Note that Contract No. 2. Acquire Snow Removal Equipment and Contract No. 6 Acquire ARFF Vehicle are DOT-assisted contracts, but are not included in DBE goal calculations.

This concludes Step 1 of the process of determining the overall DBE goal. The Step 1 result is the Base Figure for the Overall Three-Year DBE Goal, calculated as 0.9%. The Base Figure is the weighted percentage for all contracts in the goal period.

Step 2: ADJUSTING THE BASE FIGURE.

The objective of this step is to ensure that the overall goal accurately reflects DBE participation in the absence of discrimination. The need for an adjustment to the base figure can best be evaluated through an analysis of past actual DBE participation. Such an analysis will provide an indication of the capacity of the DBE firms available to perform the identified work items, as measured by the component of work DBE firms have provided in recent years. Past DBE participation at Lewiston-Nez Perce County Airport with DBE goals developed under the 49 CFR Part 26 DBE program is summarized in Table 8.

**TABLE 8
PAST DBE GOALS AND PARTICIPATION LEVELS**

Project Number	Overall Approved Goal (Race-Neutral; Race-Conscious)	Overall Participation
AIP 034/035, FY 2013	4.26% (0.68%, 3.58%)	0%
AIP 036/037, FY 2014	4.26% (0.68%, 3.58%)	0%
AIP 038, FY 2015	4.26% (0.68%, 3.58%)	0%
Median of Past Overall Participation Three-Year History		0%

For the last three fiscal years FY2013 through FY2015 no actual DBE participation was recorded. No adjustment for past participation will be made. The Step 1 base figure of 0.9% will be used as the overall goal.

There is no data available from a current disparity study to consider in setting or adjusting goals. The Idaho Transportation Department is currently conducting a disparity study to be completed in calendar year 2017. Upon completion, the ITD disparity study will be considered in calculating future goals.

The airport contacted the State of Idaho Department of Transportation DBE Supportive Services for the most recent list of certified DBE firms and obtained from the U.S. Census Bureau’s web page the most recent County Business Patterns Data. From the information obtained for the market area in which the airport spends a substantial amount of their contracting dollars, the certified DBE businesses were identified and the number of non-DBE businesses was determined.

The airport conducted a teleconference with interested stakeholders to obtain information relevant to goal setting. Contractors and subcontractors on the Idaho Transportation Department Bidders List, DBEs certified by ITD, and minority, women, general contractor and small business development groups in the region were invited by email on September 29, 2016 to participate. The teleconference was held on October 12, 2016 at 2:30 p.m. During the teleconference, the methodology used to establish goals was presented and discussed with participants. No recommendations were made to modify the methodology used to establish goals. As the teleconference discussion did not provide any recommendations for goal setting different than the process currently being used, no subsequent adjustment of the goals was made.

Outreach efforts for increasing DBE participation that were discussed during the teleconference included: sending mass emails to contractors and subcontractors (both DBE and non-DBE) in the region informing them in advance of contracting and subconsulting opportunities, and matching prime contractors with subcontractors.

Future goals will include input from the same sources used to set the goal for this year and will include consultation with local minority, women or general contractor groups to obtain information concerning

the availability of disadvantaged and non-disadvantaged businesses, the effects of discrimination on opportunities for DBEs, and efforts to establish a level playing field for the participation of DBEs.

A notice announcing the proposed overall goal and the availability of the goal-setting methodology for review was published on the Airport's website.

Lewiston-Nez Perce County Airport, FY 2016-2018, Overall DBE Goal: 0.9%

**Section 26.51: Breakout of Estimated
Race-Neutral & Race Conscious Participation**

Lewiston-Nez Perce County Airport will meet the maximum feasible portion of its overall goal by using race-neutral means of facilitating DBE participation. Lewiston-Nez Perce County Airport uses the following race-neutral means to increase DBE participation.

1. Quantities, specifications, and delivery schedules are arranged to facilitate DBE and other small business participation. Large contracts are divided into multiple bid schedules and bid items to make it easier to define portions of the work to subcontract.
2. Project plans are available for review at no charge at area planrooms, the Office of the Airport Manager and the project Engineer. The location where plans may be reviewed is stated in the Bid Advertisement.
3. DBE Supplemental Information is provided at the Pre-Bid Conference and distributed to everyone on the Bidders' List. The DBE requirements contained in the Bid Documents are summarized at the Pre-Bid Conference and in the Supplemental Information. In addition, questions about the DBE requirements are encouraged at the Pre-Bid Conference. The Engineer responds to questions concerning DBE participation.
4. A list of DBE subcontractors that have worked on past projects is made available to prime contractors.
5. A mass email will be sent to contractors and subcontractors (both DBE and non-DBE) in the region informing them in advance of contracting and subconsulting opportunities.

We estimate that, in meeting our overall goal of **0.9%**, we will obtain **0.9%** from race-neutral participation and **0.0%** through race-conscious measures. Lewiston-Nez Perce County Airport does not have sufficient evidence of discrimination or its effects in the market area from which to set race-conscious goals.

The Idaho Transportation Department disparity study, to be completed in calendar year 2017, will be considered by the Lewiston-Nez Perce County Airport in calculating future goals. If necessary, the Lewiston-Nez Perce County Airport will adjust the three-year goals or implement race-conscious DBE contract goals to obtain its overall goal.

We will track and report race-neutral and race-conscious participation separately. For reporting purposes, race-neutral DBE participation includes, but is not necessarily limited to, the following: DBE participation through a prime contract that a DBE obtains through customary competitive procurement procedures; DBE participation through a subcontract on a prime contract that does not carry DBE goal; DBE participation on a prime contract exceeding a contract goal; and DBE participation through a subcontract from a prime contractor that did not consider a firm's DBE status in making the award.

Because of the lack of sufficient evidence of discrimination or its effects, advertised contract goals (race-conscious) will not be used. All DBE goals for the period FY 2016-2017 are summarized below.

**LEWISTON- NEZ PERCE COUNTY AIRPORT
DBE GOALS AIP RELATED CONTRACTS - FY 2016-2018**

Contract	Base Goal	Past Participation Adjustment	Adjusted Base Goal	Race-Neutral Goal	Advertised Goal (Contract Goals)
1. Professional Services (Engineering): Acquire Snow Removal Equipment	2.1%	0.0%	2.1%	2.1%	Not Applicable
3. Professional Services (Engineering): Pavement Management Program	2.1%	0.0%	2.1%	2.1%	Not Applicable
4. Professional Services (Architectural, Design Engineering): Construct ARFF/SRE Building	1.6%	0.0%	1.6%	1.6%	Not Applicable
5. Professional Services (Engineering): Acquire ARFF Vehicle	2.1%	0.0%	2.1%	2.1%	Not Applicable
7. Construction: Construct ARFF/SRE Building	0.4%	0.0%	0.4%	0.4%	Not Applicable
8. Professional Services (Inspection): Construct ARFF/SRE Building	1.4%	0.0%	1.4%	1.4%	Not Applicable
9. Professional Services (Engineering Design and Inspection): Rehabilitate Taxiways D, F	2.4%	0.0%	2.4%	2.4%	Not Applicable
10. Construction: Rehabilitate Taxiways D, F	1.9%	0.0%	1.9%	1.9%	Not Applicable
11. Professional Services (Engineering Design and Inspection): Install Lighting Taxiways D, F	2.3%	0.0%	2.3%	2.3%	Not Applicable
12. Construction: Install Lighting Taxiways D, F	0.2%	0.0%	0.2%	0.2%	Not Applicable
13. Professional Services (Engineering): Reconstruct Runway 12-30	2.3%	0.0%	2.3%	2.3%	Not Applicable
Overall Goal	0.9%	0.0%	0.9%	0.9%	Not Applicable

Note that Contract No. 2. Acquire Snow Removal Equipment and Contract No. 6 Acquire ARFF Vehicle are DOT-assisted contracts, but are not included in DBE goal calculations.