City and County of San Francisco
Airport Commission
P.O. Box 8097
San Francisco, California 94128

Modification No. 1

THIS MODIFICATION (this "Modification") is made as of **August 27, 2019** in San Francisco, California, by and between **Vanderlande Industries, Inc.** ("Contractor"), and the City and County of San Francisco, a municipal corporation ("City"), acting by and through its Airport Commission, hereinafter referred to as "**Commission**."

RECITALS

A. City and Contractor have entered into the Agreement for the San Francisco International Airport (the "Airport" or "SFO") (as defined below); and,

B. The Commission is authorized to enter into all contracts which relate to matters under its jurisdiction; and

C. On July 19, 2016, by Resolution No. 16-0222, the Commission awarded this Agreement to the Contractor for a term of three (3) years with two (2) 1-year extension options, and a not to exceed amount of $5,397,000; and

D. City and Contractor desire to modify the Agreement on the terms and conditions set forth herein to extend the contract term, increase the contract amount, and update the appendices; and

E. On August 27, 2019, by Resolution No. 19-0180, the Commission approved this Modification No. 1 to the Agreement to exercise the first 1-year option, and to increase the contract amount by $4,396,875, for a new not to exceed amount of $9,793,875; and

F. The Commission desires to modify the Agreement for administrative changes required by recently enacted San Francisco contracting ordinances; and

G. Approval for this Agreement was obtained when the Civil Service Commission approved PSC No. 47087-15/16 on May 16, 2016; and

H. The Contractor represents and warrants that it is qualified to perform the services required by City under this Agreement;

Now, THEREFORE, the parties agree that the following Articles have been changed as follows:

1. Article 1. Definitions, 1.1 Agreement has been revised. The definition "Agreement" shall mean the Agreement dated **September 1, 2016,** between Contractor and City, as amended by the:

2. Article 2. Term of the Agreement, Section 2.1 is hereby amended to extend the term of the contract for **one (1) year** for a new ending date of **September 30, 2020.**

3. Article 3. Financial Matters, 3.3. Compensation, Section 3.3.1 Payment is hereby amended to increase the total compensation payable by an amount not to exceed **Four Million Three Hundred and Ninety Six Thousand Eight Hundred and Seventy Five Dollars ($4,396,875)** for a new total not-to-exceed amount of **Nine Million Seven Hundred and Ninety Three Thousand Eight Hundred and Seventy Five Dollars ($9,793,875).**

4. Section 11.15 Federal Non-Discrimination Provisions has been replaced in its entirety with **NEW Section 11.15 Federal Nondiscrimination Requirements.**

11.15 Federal Nondiscrimination Requirements. During the performance of this Agreement, Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as "Contractor") agrees as follows:

11.15.1 Compliance with Regulations. Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts And Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this Agreement.

11.15.2 Nondiscrimination. Contractor, with regard to the work performed by it during the Agreement, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the Agreement covers any activity, project, or program set forth in Appendix B of 49 CFR §21.

11.15.3 Solicitations for Subcontracts. Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by Contractor of Contractor's obligations under this Agreement and the Nondiscrimination Acts And Authorities on the grounds of race, color, or national origin.

11.15.4 Information and Reports. Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Airport or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Airport or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

11.15.5 Sanctions for Noncompliance. In the event of a contractor's noncompliance with the Non-discrimination provisions of this Agreement, the Airport will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:

- Withholding payments to the contractor under the contract until the contractor complies; and/or
- Cancelling, terminating, or suspending a contract, in whole or in part.

11.15.6 Incorporation of Provisions. Contractor will include the provisions of paragraphs 12.6.1 through 12.6.6 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. Contractor will take action with respect to any subcontract or procurement as the Airport or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, Contractor may request the Airport to enter into any litigation to protect the interests of the Airport. In addition, Contractor may request the United States to enter into the litigation to protect the interests of the United States.

11.15.7 Title VI List of Pertinent Nondiscrimination Acts and Authorities. During the performance of this Agreement, Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 USC §2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination In Federally-Assisted Programs of The Department of Transportation—Effectuation of Title VI of The Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC §4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973, (29 USC. §794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR §27;
- The Age Discrimination Act of 1975, as amended, (42 USC §6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC §471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §12131 – 12189) as implemented by Department of Transportation regulations at 49 CFR §37 and 38 and the Department of Justice regulations at 28 CFR, parts 35 and 36;
- The Federal Aviation Administration's Non-discrimination statute (49 USC §47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with

Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 CFR at 74087 to 74100);

- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC §1681 *et seq.*).

5. **Section 13.2 Prevailing Wages,** has been replaced in its entirely as follows:

13.2 The latest Wage Rates for Private Employment on Public Contracts in the City and County of San Francisco, as determined by the San Francisco Board of Supervisors and the Director of the California Department of Industrial Relations, and, when federal funds are involved, the current General Wage Determination Decisions, as determined by the U.S. Secretary of Labor, as same may be changed during the term of this Agreement, shall be included in this Agreement and are hereby incorporated by this reference. Contractor agrees that any person performing labor in the provision of the Work shall be paid no less than the highest general prevailing rate of wages as so determined, even if Contractor failed to take into account current or projected prevailing wages when it submitted its proposal. In the event existing or future prevailing wage rates exceed the labor costs that form the basis of Contractor's monthly labor charge of $245,734.16 for this one-year extension, as set forth in Appendix B to this Agreement, in no event will the City be invoiced for or otherwise charged, nor shall the City be required to pay an increased labor rate. The cost of all labor rates greater than $245,734.16 per month shall be borne exclusively by the Contractor. If federal funds are involved, where the minimum rate of pay for any classification differs among State, City and Federal wage rate determinations, the highest of the three rates of pay shall prevail. Contractor shall include, in any contract or subcontract relating to the Work, a requirement that all persons performing labor under such contract or subcontract shall be paid not less than the highest prevailing rate of wages for the labor so performed. Contractor shall require any contractor to provide, and shall deliver to City every week during the Agreement, electronic certified payroll reports with respect to all persons performing labor for this Agreement.

13.3 Should Contractor, or any Subcontractor who shall undertake the performance of any part of the work herein required, fail or neglect to pay to the persons who shall perform labor under this Contract, subcontract or other arrangement for the work, the highest general prevailing rate of wages as herein specified, Contractor shall forfeit, and in the case of any Subcontractor so failing or neglecting to pay said wage, Contractor and the Subcontractor shall jointly and severally forfeit back wages due plus the penalties set forth in San Francisco Administrative Code Section 6.22(e)(8) but not less than $50 per worker per day.

13.4 All work is subject to compliance monitoring and enforcement of prevailing wage requirements by the San Francisco Office of Labor Standards Enforcement.

13.5 Prevailing Wage Classifications: In accordance with San Francisco Office of Labor Standards and Enforcement determination regarding the appropriate prevailing wage for this Agreement, which determination is attached hereto as Appendix C and incorporated into this

IN WITNESS WHEREOF, Contractor and City have executed this Modification as of the date first referenced above.

CITY	CONTRACTOR
AIRPORT COMMISSION CITY AND COUNTY OF SAN FRANCISCO	
By: _____ Ivar C. Satero, Airport Director	_____ Authorized Signature
	_____ Craig Arnold
Attest:	Vice President, Services Title
By _____ Corina Monzón, Secretary Airport Commission	Vanderlande Industries Inc. Company Name
Resolution No: 19-0180	~~87305~~ 00000 8757 * City Supplier ID
Adopted on: 8/27/19	1975 West Oak Circle Address
Approved as to Form:	Marietta, GA 30062 City, State, ZIP
Dennis J. Herrera City Attorney	(770) 250-2800 Telephone Number
By _____ Stacey Lucas Deputy City Attorney	980182968 Federal Employer ID Number

Attachment
Attachment 3 to Appendix A – Equipment List
Appendix B, Attachment 1.A – Staffing Level and Allocation Plan
Appendix C – Office of Labor Standards Enforcement

Agreement as though fully set forth, the correct classifications for determination of prevailing wages are:

1. **Carpenter and Related Trades: Millwright** – for all labor involving installation, inspection, repair and maintenance of equipment.

2. **Laborer and Related Classifications: Group 3** – for all other tasks associated with the execution of this Contract with the exception of tasks performed solely by the **Control Room Operator**.

6. **Appendix A – Services to be provided by Contractor**, has been amended as follows to update services:

- **NEW Section 3.1.13 As-needed PBB Maintenance:**

  During the period Contractor executes the Scope of Services set forth in this Appendix A, SFO may install and activate additional PBBs and Accessories in the domestic terminals with a separate contractor. The maintenance activities for newly activated PBBs may vary from the complete maintenance requirements stated in this Section 3. SFO and Contractor will agree on level of maintenance required.

- **NEW Attachment 3 to Appendix A – Equipment List (attached)**

7. Appendix B – Calculation of Charges, Section 2, Adjustment of Monthly Invoice for System Changes, has been amended as follows:

From time to time, the Airport may issue a written task order increasing or decreasing the level of service, additions, or deletions, in which event the Contractor shall comply with such task orders and perform its operation and maintenance services in accordance with all provisions of this Agreement and associated task orders. In the event of changes in the number of PBBs and/or BHS system operation and maintenance due to additions, deletions, changes, increases or decreases, the Monthly Invoice for maintenance and operation of the BHS system and PBBs shall be adjusted in accordance with the applicable unit prices shown in the Staffing Level and Allocation Plan submitted by the Contractor.

8. Appendix B, Attachment 1 – Staffing level and Allocation Plan, has been amended to include, **(NEW) Appendix B, Attachment 1.A – Staffing level and Allocation Plan.**

9. NEW Appendix C – Office of Labor Standards and Enforcement Determination, has been added to the contract.

10. Effective Date. Each of the changes set forth in this Modification shall be effective on and after the date of this Modification.

11. Legal Effect. Except as expressly changed by this Modification, all of the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

ATTACHMENT 3 TO APPENDIX A – EQUIPMENT LIST

Equipment List - Summary

TERMINAL 2 BHS	
EQUIPMENT	TOTAL
TICKET COUNTER CONV	9
LOAD/UNLOAD CONV	13
TRANSPORT COV	116
SHORT TRANSPORT CONV	22
INCLINE/DECLINE CONV	55
QUEUE CONV	123
LONG MERGE	20
SHORT MERGE	4
INDEXING CONV	6
POWERTURNS	106
VERTASORT	6
HIGH SPEED DIVERTERS (HSDII)	30
FIRE DOORS	10
AUTOMATIC TAG READERS	4
BAGGAGE DIMENSIONER	1
MAIN CONTROL PANELS	17
CONTROL PANELS	6
CN2DN PANELS	26
MPLC PANELS	2
"Old Northwest" BHS	
TRANSPORT COV	30
QUEUE CONV	18
POWERTURNS	20
MERGE	2
HIGH SPEED DIVERTERS (HSD1)	1
MAIN CONTROL PANELS	4
PBBs	
Terminal 1, Boarding Area B, (9 Gates): Daily and On-Call Maintenance.	9
Terminal 1, Boarding Area B, (9 Gates): Daily and On-Call Maintenance. Effective March 2020.	9
Terminal 1, Boarding Area C (Gate 47)	1
Terminal 2, Boarding Area D (Gates 58B and 59A)	2

EQUIPMENT DETAILED LIST

SFO T2 BHS Detailed Equipment List

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
1	IB1-01	LOAD/UNLOAD CONV	33.0	0	STD	3.0	120
2	IB1-02	LOAD/UNLOAD CONV	33.0	0	STD	3.0	120
3	IB1-03	INCL/DECL CONV	27.6	0	BKM	5.0	155
4	IB1-04	POWERTURN	9.0	90	STD	2.0	150
5	IB1-05	TRANSPORT CONV	43.7	0	STD	3.0	165
6	IB1-06	POWERTURN	6.0	60	STD	2.0	150
7	IB1-07	SHORT TRANSPORT	4.7	0	STD	2.0	160
8	IB1-08	POWERTURN	1.5	45	STD	2.0	150
9	IB1-09	TRANSPORT CONV	29.1	0	STD	2.0	155
10	IB1-10A	POWERTURN	4.5	45	BKM	2.0	150
	IB1-10B	QUEUE CONV			BKM	2.0	150
11	IB1-10/SD	DOOR	0.0	0		N/A	0
12	IB1-11	INCL/DECL CONV	38.5	0	BKM	3.0	120
13	CD-01	CLAIM DEVICE	0.0	0	STD	7.5	0
14	IB4-01	LOAD/UNLOAD CONV	39.5	0	STD	3.0	120
15	IB4-02	INCL/DECL CONV	27.6	0	BKM	5.0	155
16	IB4-03	TRANSPORT CONV	30.7	0	STD	3.0	145
17	IB4-04	POWERTURN	4.5	45	STD	2.0	150
18	IB4-05	TRANSPORT CONV	7.1	0	STD	2.0	155
19	IB4-06	POWERTURN	4.5	45	STD	2.0	150
20	IB4-07	TRANSPORT CONV	44.6	0	STD	5.0	155
21	IB4-08	POWERTURN	9.0	90	STD	2.0	150
22	IB4-09	TRANSPORT CONV	38.3	0	STD	3.0	145
23	IB4-10	TRANSPORT CONV	42.1	0	STD	3.0	145
24	IB4-11A	POWERTURN	4.5	45	BKM	2.0	150
	IB4-11B	QUEUE CONV			BKM	2.0	150
25	IB4-12	INCL/DECL CONV	39.5	0	BKM	3.0	120
26	IB4-12/SD	DOOR	0.0	0		N/A	0
27	C4-02	CLAIM DEVICE	0.0	0	STD	7.5	0
28	IB2-01	LOAD/UNLOAD CONV	33.0	0	STD	3.0	120
29	IB2-02	LOAD/UNLOAD CONV	33.0	0	STD	3.0	120
30	IB2-03	INCL/DECL CONV	32.7	0	BKM	5.0	155
31	IB2-04	TRANSPORT CONV	38.9	0	STD	3.0	165
32	IB2-05	TRANSPORT CONV	44.7		STD	3.0	165

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
33	IB2-06	POWERTURN	9.0	90	STD	2.0	150
34	IB2-07	TRANSPORT CONV	45.2	0	STD	3.0	165
35	IB2-08	TRANSPORT CONV	44.6		STD	3.0	165
36	IB2-09A	POWERTURN	4.5	45	BKM	2.0	150
	IB2-09B	QUEUE CONV			BKM	2.0	150
37	IB2-10	TRANSPORT CONV	31.9	0	BKM	3.0	150
38	IB2-10/SD	DOOR	0.0	0		N/A	0
39	IB2-11	INCL/DECL CONV	65.0	0	BKM	5.0	150
40	IB2-12	POWERTURN	3.0	30	STD	2.0	150
41	IB2-13	TRANSPORT CONV	9.5	0	STD	2.0	120
42	CD-02	CLAIM DEVICE	0.0	0	STD	7.5	0
43	IB3-01	LOAD/UNLOAD CONV	39.5	0	STD	3.0	120
44	IB3-02	INCL/DECL CONV	27.6	0	BKM	5.0	155
45	IB3-03	TRANSPORT CONV	20.0	0	STD	2.0	155
46	IB3-04	POWERTURN	9.0	90	STD	2.0	150
47	IB3-05	TRANSPORT CONV	42.1	0	STD	3.0	145
48	IB3-06	TRANSPORT CONV	42.1	0	STD	3.0	145
49	IB3-07A	POWERTURN	4.5	45	BKM	2.0	150
	IB3-07B	QUEUE CONV			BKM	2.0	150
50	IB3-08	TRANSPORT CONV	31.1	0	BKM	3.0	150
51	IB3-08/SD	DOOR	0.0	0		N/A	0
52	IB3-09	INCL/DECL CONV	61.9	0	BKM	5.0	150
53	IB3-10	POWERTURN	3.0	30	STD	2.0	150
54	IB3-11	SHORT TRANSPORT	4.6		STD	2.0	120
55	CD-03	CLAIM DEVICE	0.0	0	STD	7.5	0
56	CB1-01	INCL/DECL CONV	8.9	0	VBM	2.0	150
57	CB1-02	POWERTURN	9.0	90	VFD	3.0	200
58	CB1-03	TRANSPORT CONV	18.1	0	VFD	3.0	250
59	CB1-04	TRANSPORT CONV	12.7	0	VFD	2.0	250
60	CB1-05	TRANSPORT CONV	28.3		VFD	5.0	270
61	CB1-06	POWERTURN	9.0	90	VFD	3.0	290
62	CB1-07	QUEUE CONV	3.5	0	VFD	2.0	290
63	CB1-08	QUEUE CONV	3.5		VFD	2.0	290
64	CB1-09	QUEUE CONV	3.5	0	VFD	2.0	290
65	ATR/CB1-09	TAG READER	0.0	0		N/A	0
66	CB2-01	INCL/DECL CONV	9.5	0	VBM	2.0	150
67	CB2-02	QUEUE CONV	3.5	0	VFD	2.0	180
68	CB2-03	POWERTURN	9.0	90	VFD	3.0	210

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
69	CB2-04	TRANSPORT CONV	29.9		VFD	5.0	240
70	CB2-05	TRANSPORT CONV	36.5	0	VFD	5.0	240
71	CB2-06	INCL/DECL CONV	14.5	0	VFD	2.0	270
72	CB2-07	POWERTURN	4.5	45	VFD	2.0	290
73	CB2-08	TRANSPORT CONV	13.2		VFD	2.0	270
74	CB2-09	POWERTURN	4.5	45	VFD	2.0	290
75	CB2-10	QUEUE CONV	3.5		VFD	2.0	290
76	CB2-11	QUEUE CONV	3.5	0	VFD	2.0	290
77	CB2-12	QUEUE CONV	3.5	0	VFD	2.0	290
78	ATR/CB2-12	TAG READER	0.0	0		N/A	0
79	CB3-01	INCL/DECL CONV	10.8	0	VBM	2.0	150
80	CB3-02	QUEUE CONV	3.5	0	VFD	2.0	180
81	CB3-03	QUEUE CONV	3.5	0	VFD	2.0	180
82	CB3-04	POWERTURN	4.5	45	VFD	2.0	180
83	CB3-05	LONG MERGE	6.3	0	VFD	3.0	180
84	CB4-01	INCL/DECL CONV	9.5	0	VBM	2.0	150
85	CB4-02	QUEUE CONV	3.5	0	VFD	2.0	180
86	CB4-03	QUEUE CONV	3.5		VFD	2.0	180
87	CB4-04	POWERTURN	4.5	45	VFD	2.0	180
88	CB4-05	LONG MERGE	6.3	0	VFD	3.0	180
89	CB5-01	INCL/DECL CONV	9.5	0	VBM	2.0	150
90	CB5-02	POWERTURN	9.0	90	VFD	3.0	150
91	CB5-03	POWERTURN	9.0	90	VFD	3.0	180
92	CB5-04	TRANSPORT CONV	40.3	0	VFD	5.0	200
93	CB5-05	TRANSPORT CONV	40.3	0	VFD	5.0	200
94	CB5-06	QUEUE CONV	3.5	0	VFD	2.0	200
95	CB5-07	QUEUE CONV	3.5	0	VFD	2.0	200
96	CB5-08	POWERTURN	4.5	45	VFD	2.0	200
97	CB5-09	LONG MERGE	6.0	0	VFD	3.0	180
98	CB6-01	INCL/DECL CONV	9.5	0	VBM	2.0	120
99	CB6-02	POWERTURN	9.0	90	VFD	3.0	150
100	CB6-03	POWERTURN	9.0	90	VFD	3.0	180
101	CB6-04	TRANSPORT CONV	22.9	0	VFD	3.0	200
102	CB6-05	INCL/DECL CONV	21.5	0	VBM	2.0	200
103	CB6-06	TRANSPORT CONV	50.0	0	VFD	5.0	200
104	CB6-07	TRANSPORT CONV	21.0	0	VFD	2.0	200
105	CB6-08	POWERTURN	9.0	90	VFD	3.0	200
106	CB6-09	INCL/DECL CONV	18.5	0	VFD	3.0	200

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
107	CB6-10	POWERTURN	4.5	45	VFD	2.0	200
108	CB6-11	POWERTURN	4.5	45	VFD	2.0	200
109	CB6-12	POWERTURN	4.5	45	VFD	2.0	200
110	CB6-13	LONG MERGE	6.3		VFD	3.0	180
111	CB7-01	LOAD/UNLOAD CONV	24.6	0	STD	2.0	120
112	CB7-02	INCL/DECL CONV	26.6	0	BKM	3.0	145
113	CB7-03	QUEUE CONV	3.5	0	BKM	2.0	160
114	CB7-04	POWERTURN	4.5	45	BKM	2.0	150
115	CB7-05	LONG MERGE	6.3	0	BKM	3.0	155
116	CB8-01	LOAD/UNLOAD CONV	34.0	0	BKM	3.0	110
117	CB8-02	INCL/DECL CONV	25.0	0	BKM	3.0	145
118	CB8-03	QUEUE CONV	3.5	0	BKM	2.0	160
119	CB8-04	POWERTURN	4.5	45	BKM	2.0	150
120	CB8-05	LONG MERGE	6.5		BKM	3.0	155
121	CS1-01	TICKET COUNTER CONV	8.6	0	STD	2.0	90
122	OS3-02/SD	DOOR	0.0	0		N/A	0
123	CS1-02	POWERTURN	4.5	68	BKM	2.0	85
124	CS1-03	INCL/DECL CONV	21.8		BKM	2.0	110
125	CS1-04	TRANSPORT CONV	41.0	0	STD	3.0	145
126	CS1-05	POWERTURN	2.5	23	STD	2.0	205
127	CS1-06	INCL/DECL CONV	37.3		BKM	5.0	225
128	CS1-07	POWERTURN	9.0	90	BKM	3.0	215
129	CS1-08	INCL/DECL CONV	25.9	0	BKM	3.0	220
130	CS1-09	QUEUE CONV	3.5		BKM	2.0	200
131	CS1-10	QUEUE CONV	3.5	0	BKM	2.0	200
132	CS1-11	POWERTURN	4.5	45	BKM	2.0	205
133	CS1-12	SHORT MERGE	3.0	0	BKM	2.0	190
134	CS2-01	TICKET COUNTER CONV	8.6	0	STD	2.0	90
135	CS2-01/SD	DOOR	0.0	0			0
136	CS2-02	POWERTURN	4.5	68	BKM	2.0	85
137	CS2-03	INCL/DECL CONV	21.8	0	BKM	2.0	110
138	CS2-04	TRANSPORT CONV	50.5	0	STD	3.0	145
139	CS2-05	POWERTURN	2.5	23	STD	2.0	205
140	CS2-06	TRANSPORT CONV	38.8	0	STD	5.0	205
141	CS2-07	POWERTURN	9.0	90	STD	3.0	205
142	CS2-08	TRANSPORT CONV	42.0	0	STD	3.0	180

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
143	CS2-09	TRANSPORT CONV	15.0	0	STD	2.0	205
144	CS2-10	QUEUE CONV	3.5	0	BKM	2.0	205
145	CS2-11	QUEUE CONV	4.0	0	BKM	2.0	205
146	CS2-12	POWERTURN	4.5	45	BKM	2.0	205
147	CS2-13	LONG MERGE	3.0	0	BKM	3.0	195
148	ED1-01	SHORT MERGE	3.0	0	VFD	2.0	215
149	ED1-02	TRANSPORT CONV	10.5	0	VFD	2.0	280
150	ED1-03	POWERTURN	4.5	45	VFD	2.0	250
151	ED1-04	TRANSPORT CONV	11.8	0	VFD	2.0	220
152	ED1-05	QUEUE CONV	3.5		VFD	2.0	220
153	ED1-06	QUEUE CONV	3.5	0	VFD	2.0	190
154	ED1-07	QUEUE CONV	3.5	0	VFD	2.0	160
155	ED1-08	QUEUE CONV	3.5	0	VFD	2.0	160
156	ED1-09	QUEUE CONV	3.5	0	VFD	2.0	160
157	ED1-10	QUEUE CONV	6.0	0	VFD	2.0	160
158	ED1-11	QUEUE CONV	6.5	0	VFD	2.0	150
159	ED1-12	QUEUE CONV	3.5	0	VFD	2.0	150
160	ED1-13	QUEUE CONV	3.5	0	VFD	2.0	150
161	VSU-ED1-A	VERTICAL SORTER	9.0	0	BKM	2.0	
162	ED2-01	SHORT MERGE	3.0	0	VFD	2.0	280
163	ED2-02	POWERTURN	4.5	45	VFD	2.0	280
164	ED2-03	SHORT TRANSPORT	5.0	0	VFD	2.0	250
165	ED2-04	POWERTURN	4.5	45	VFD	2.0	250
166	ED2-05	POWERTURN	4.5	45	VFD	2.0	250
167	ED2-06	TRANSPORT CONV	12.6	0	VFD	2.0	220
168	ED2-07	QUEUE CONV	3.5	0	VFD	2.0	190
169	ED2-08	QUEUE CONV	3.5	0	VFD	2.0	160
170	ED2-09	QUEUE CONV	3.5	0	VFD	2.0	160
171	ED2-10	QUEUE CONV	3.5	0	VFD	2.0	160
172	ED2-11	QUEUE CONV	6.0	0	VFD	2.0	160
173	ED2-12	QUEUE CONV	6.5	0	VFD	2.0	150
174	ED2-13	QUEUE CONV	3.5	0	VFD	2.0	150
175	ED2-14	QUEUE CONV	3.5	0	VFD	2.0	150
176	ED2-15	QUEUE CONV	3.5	0	VFD	2.0	150
177	VSU-ED2-A	VERTICAL SORTER	9.0	0	BKM	2.0	
178	ED3-01	SHORT MERGE	4.0	0	VFD	2.0	280
179	ED3-02	QUEUE CONV	6.1		VFD	2.0	250
180	ED3-03	POWERTURN	4.5	45	VFD	2.0	200

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
181	ED3-04	QUEUE CONV	3.5	0	VFD	2.0	160
182	ED3-05	QUEUE CONV	3.5	0	VFD	2.0	160
183	ED3-06	QUEUE CONV	3.5	0	VFD	2.0	160
184	ED3-07	QUEUE CONV	6.0	0	VFD	2.0	160
185	ED3-08	QUEUE CONV	6.5	0	VFD	2.0	150
186	ED3-09	QUEUE CONV	6.5	0	VFD	2.0	150
187	ED3-10	QUEUE CONV	3.5		VFD	2.0	150
188	ED3-11	QUEUE CONV	3.5	0	VFD	2.0	150
189	ED3-12	QUEUE CONV	3.5	0	VFD	2.0	150
190	VSU-ED3-A	VERTICAL SORTER	9.0	0	BKM	2.0	
191	ED4-01	POWERTURN	9.0	90	VFD	3.0	280
192	ED4-02	SHORT TRANSPORT	5.3	0	VFD	2.0	280
193	ED4-03	QUEUE CONV	3.5		VFD	2.0	250
194	ED4-04	QUEUE CONV	3.5	0	VFD	2.0	220
195	ED4-05	POWERTURN	4.5	45	VFD	2.0	190
196	ED4-06	QUEUE CONV	5.7	0	VFD	2.0	160
197	ED4-07	POWERTURN	4.5	45	VFD	2.0	160
198	ED4-08	QUEUE CONV	3.5	0	VFD	2.0	160
199	ED4-09	QUEUE CONV	3.5	0	VFD	2.0	160
200	ED4-10	QUEUE CONV	4.0	0	VFD	2.0	160
201	ED4-11	QUEUE CONV	6.0	0	VFD	2.0	150
202	ED4-12	TRANSPORT CONV	14.2	0	VFD	2.0	150
203	ED4-13	QUEUE CONV	3.5	0	VFD	2.0	150
204	ED4-14	QUEUE CONV	3.5	0	VFD	2.0	150
205	ED4-15	QUEUE CONV	3.5	0	VFD	2.0	150
206	VSU-ED4-A	VERTICAL SORTER	9.0	0	BKM	2.0	
207	ME1-01	INDEXING CONV	21.0		VFD	3.0	200
208	ME1-02	POWERTURN	9.0	90	VFD	3.0	180
209	ME1-03	QUEUE CONV	3.5	0	VFD	2.0	180
210	ME1-04	QUEUE CONV	3.5	0	VFD	2.0	180
211	ME1-05	QUEUE CONV	3.5	0	VFD	2.0	180
212	ME1-06	QUEUE CONV	3.5	0	VFD	2.0	150
213	ME1-07	QUEUE CONV	3.5	0	VFD	2.0	150
214	ME1-08	QUEUE CONV	3.5	0	VFD	2.0	150
215	ME1-09	TRANSPORT CONV	26.1	0	VFD	3.0	150
216	ME1-10	QUEUE CONV	3.5	0	VFD	2.0	150
217	ME1-11	POWERTURN	4.5	45	VFD	2.0	190
218	ME1-12	LONG MERGE	6.0	0	VFD	3.0	220

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
219	ML1-01	SHORT TRANSPORT	3.5	0	VFD	2.0	290
220	ML1-02	INCL/DECL CONV	38.0	0	VFD	5.0	290
221	HSD-XO3	HSD	0.0	0	VFD	1.0	
222	ML1-03	INCL/DECL CONV	25.5	0	VFD	3.0	290
223	ML1-04	TRANSPORT CONV	28.6	0	VFD	5.0	290
224	ML1-05	POWERTURN	9.0	90	VFD	3.0	290
225	ML1-06	TRANSPORT CONV	22.9	0	VFD	3.0	290
226	ML1-07	POWERTURN	9.0	90	VFD	3.0	290
227	ML1-08	INCL/DECL CONV	22.2	0	VFD	3.0	290
228	ML1-09	POWERTURN	9.0	90	VFD	3.0	290
229	ML1-10	TRANSPORT CONV	41.3	0	VFD	5.0	290
230	HSD-MS1	HSD	0.0	0	VFD	1.0	
231	ML1-11	TRANSPORT CONV	41.4	0	VFD	5.0	290
232	HSD-MS3	HSD	0.0	0	VFD	1.0	
233	ML1-12	TRANSPORT CONV	41.4	0	VFD	5.0	290
234	HSD-MS5	HSD	0.0	0	VFD	1.0	
235	ML2-01	TRANSPORT CONV	10.1	0	VFD	2.0	290
236	ML2-02	TRANSPORT CONV	38.1	0	VFD	5.0	290
237	ML2-03	INCL/DECL CONV	17.1	0	VBM	3.0	290
238	ML2-04	TRANSPORT CONV	17.1	0	VFD	2.0	290
239	HSD-XO4	HSD	0.0	0	VFD	1.0	
240	ML2-05	POWERTURN	9.0	90	VFD	3.0	290
241	ML2-06	SHORT TRANSPORT	4.5	0	VFD	2.0	290
242	ML2-07	POWERTURN	9.0	90	VFD	3.0	290
243	ML2-08	INCL/DECL CONV	27.0	0	VFD	5.0	290
244	ML2-09	TRANSPORT CONV	34.0	0	VFD	5.0	290
245	ML2-10	TRANSPORT CONV	33.6	0	VFD	5.0	290
246	ML2-11	POWERTURN	9.0	90	VFD	3.0	290
247	ML2-12	TRANSPORT CONV	40.0	0	VFD	5.0	290
248	HSD-MS2	HSD	0.0	0	VFD	1.0	
249	ML2-13	TRANSPORT CONV	40.0	0	VFD	5.0	290
250	HSD-MS4	HSD	0.0	0	VFD	1.0	
251	ML2-14	TRANSPORT CONV	41.8	0	VFD	5.0	290
252	HSD-MS6	HSD	0.0	0	VFD	1.0	
253	ML2-15	QUEUE CONV	6.0	0	VFD	2.0	255
254	ML2-16	POWERTURN	4.5	45	VFD	2.0	230
255	ML2-17	LONG MERGE	6.0	0	VFD	3.0	180
256	MS1-01	TRANSPORT CONV	12.2	0	STD	2.0	290

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
257	MS1-02	SHORT TRANSPORT	3..5	0	STD	2.0	200
258	MS1-03	SHORT TRANSPORT	3.5		STD	2.0	170
259	MS1-04	INCL/DECL CONV	17.4	0	STD	2.0	110
260	MU-01	MAKEUP DEVICE	0.0	0	STD	7.5	0
261	MS2-01	TRANSPORT CONV	12.2	0	STD	2.0	290
262	MS2-02	SHORT TRANSPORT	3.5	0	STD	2.0	200
263	MS2-03	SHORT TRANSPORT	3.5	0	STD	2.0	170
264	MS2-04	INCL/DECL CONV	18.7	0	STD	2.0	110
265	MU-02	MAKEUP DEVICE	0.0	0	STD	7.5	0
266	MS3-01	TRANSPORT CONV	12.2	0	STD	2.0	290
267	MS3-02	SHORT TRANSPORT	3.5	0	STD	2.0	200
268	MS3-03	SHORT TRANSPORT	3.5	0	STD	2.0	170
269	MS3-04	INCL/DECL CONV	18.7	0	STD	2.0	110
270	MU-03	MAKEUP DEVICE	0.0	0	STD	7.5	0
271	MS4-01	TRANSPORT CONV	12.2	0	STD	2.0	290
272	MS4-02	SHORT TRANSPORT	4.0	0	STD	2.0	200
273	MS4-03	SHORT TRANSPORT	4.0	0	STD	2.0	170
274	MS4-04	INCL/DECL CONV	18.7	0	STD	2.0	110
275	MU-04	MAKEUP DEVICE	0.0	0	STD	7.5	0
276	MS5-01	TRANSPORT CONV	12.2	0	STD	2.0	290
277	MS5-02	SHORT TRANSPORT	3.5	0	STD	2.0	200
278	MS5-03	SHORT TRANSPORT	3.5	0	STD	2.0	170
279	MS5-04	INCL/DECL CONV	18.7	0	STD	2.0	110
280	MU-05	MAKEUP DEVICE	0.0	0	STD	7.5	0
281	MS6-01	TRANSPORT CONV	12.2	0	STD	2.0	290
282	MS6-02	SHORT TRANSPORT	3.5	0	STD	2.0	200
283	MS6-03	SHORT TRANSPORT	3.5	0	STD	2.0	170
284	MS6-04	INCL/DECL CONV	18.7	0	STD	2.0	110
285	MU-06	MAKEUP DEVICE	0.0	0	STD	7.5	
286	OG1-01	BLANK					
287	OG-01	QUEUE CONV	5.3	0	VFD	2.0	250
288	OG-02	POWERTURN	4.5	45	VFD	2.0	200
289	OG-03	LONG MERGE	6.0	0	VFD	3.0	150
290	OS1-01	INCL/DECL CONV	33.8	0	BKM	3.0	120
291	OS1-02	INCL/DECL CONV	33.0	0	BKM	3.0	120
292	OS1-03	TRANSPORT CONV	26.9	0	BKM	2.0	120
293	OS1-04	INDEXING CONV	33.9	0	BKM	3.0	120
294	OS1A-01	INDEXING CONV	55.0	0	BKM	5.0	120

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
295	OS2-01	INCL/DECL CONV	34.8	0	BKM	3.0	110
296	OS2-02	POWERTURN	9.0	90	BKM	2.0	135
297	OS2-03	INCL/DECL CONV	18.0	0	BKM	2.0	120
298	OS2-04	TRANSPORT CONV	45.0	0	STD	3.0	130
299	OS2-05	POWERTURN	3.0	30	STD	2.0	135
300	OS2-06	TRANSPORT CONV	13.0		STD	2.0	130
301	OS2-07	POWERTURN	3.0	30	STD	2.0	135
302	OS2-08	TRANSPORT CONV	36.0		STD	3.0	130
303	OS2-09	TRANSPORT CONV	36.0	0	STD	3.0	130
304	OS2-10	POWERTURN	9.0	90	STD	2.0	135
305	OS2-11	TRANSPORT CONV	28.2	0	STD	2.0	135
306	OS2-12	POWERTURN	9.0	90	STD	2.0	135
307	OS2-13	TRANSPORT CONV	51.6	0	STD	5.0	130
308	OS2-14	POWERTURN	9.0	90	STD	3.0	135
309	OS2-15	INCL/DECL CONV	14.3		BKM	2.0	130
310	OS2-16	INDEXING CONV	16.0		BKM	2.0	120
311	OS3-01	LOAD/UNLOAD CONV	49.7	0	STD	5.0	120
312	OS3-02	POWERTURN	4.5	45	STD	2.0	125
313	OS3-02/DF	DRAFT FLAP	0.0	0		N/A	0
314	OS3-02/SD	DOOR	0.0	0		N/A	0
315	OS3-03	INDEXING CONV	40.0	0	BKM	3.0	90
316	OS4-01	LOAD/UNLOAD CONV	45.0	0	STD	5.0	120
317	OS4-02	POWERTURN	9.0	90	STD	2.0	125
318	OS4-03	TRANSPORT CONV	18.7	0	BKM	2.0	120
319	OS4-03/SD	DOOR	0.0	0		N/A	0
320	OS4-04	INDEXING CONV	34.7	0	BKM	3.0	90
321	PI1-01	TRANSPORT CONV	42.4	0	STD	5.0	205
322	PI1-02	INCL/DECL CONV	9.8	0	BKM	2.0	200
323	PI1-03	QUEUE CONV	3.5	0	BKM	2.0	200
324	PI1-04	QUEUE CONV	3.5	0	BKM	2.0	200
325	PI1-05	POWERTURN	4.5	45	BKM	2.0	215
326	PI1-06	LONG MERGE	6.0	0	BKM	3.0	195
327	PI2-01	SHORT TRANSPORT	3.5	0	BKM	2.0	200
328	PI2-02	POWERTURN	9.0	90	BKM	3.0	215
329	PI2-03	POWERTURN	4.5	45	BKM	2.0	215
330	PI2-04	SHORT TRANSPORT	3.5	0	BKM	2.0	200
331	PI2-05	POWERTURN	4.5	45	BKM	2.0	215
332	PI2-06	INCL/DECL CONV	25.2	0	BKM	3.0	205

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
333	PI2-07	TRANSPORT CONV	24.0	0	BKM	2.0	205
334	PI2-08	TRANSPORT CONV	50.0	0	BKM	5.0	205
335	PI2-09	POWERTURN	4.5	45	BKM	2.0	215
336	PI2-10	TRANSPORT CONV	13.0	0	BKM	2.0	180
337	PI2-11	QUEUE CONV	4.0	0	BKM	2.0	160
338	PI2-12	QUEUE CONV	4.0	0	BKM	2.0	160
339	PI2-13	LONG MERGE	6.0	0	BKM	3.0	155
340	RC1-01	POWERTURN	9.0	90	VFD	3.0	290
341	RC1-02	TRANSPORT CONV	28.4	0	VFD	5.0	290
342	RC1-03	TRANSPORT CONV	28.4	0	VFD	5.0	290
343	RC1-04	QUEUE CONV	3.5		VFD	2.0	200
344	RC1-05	QUEUE CONV	3.5		VFD	2.0	200
345	RC1-06	QUEUE CONV	3.5	0	VFD	2.0	200
346	RC1-07	QUEUE CONV	3.5	0	VFD	2.0	200
347	RC1-08	TRANSPORT CONV	28.5	0	VFD	5.0	200
348	RC1-09	POWERTURN	9.0	90	VFD	3.0	200
349	RC1-10	TRANSPORT CONV	39.8	0	VFD	5.0	200
350	RC1-11	TRANSPORT CONV	39.8	0	VFD	5.0	200
351	RC1-12	TRANSPORT CONV	39.8	0	VFD	5.0	200
352	SB1-01	TRANSPORT CONV	8.7	0	VFD	2.0	150
353	SB1-02	POWERTURN	9.0	90	VFD	3.0	150
354	SB1-03	TRANSPORT CONV	22.9	0	VFD	2.0	150
355	SB1-04	POWERTURN	9.0	90	VFD	3.0	150
356	SB1-05	TRANSPORT CONV	40.4	0	VFD	3.0	150
357	SB1-06	INCL/DECL CONV	25.3		VBM	3.0	150
358	SB1-07	QUEUE CONV	3.5	0	VFD	2.0	150
359	SB1-08	QUEUE CONV	3.5	0	VFD	2.0	150
360	SB1-09	QUEUE CONV	3.5	0	VFD	2.0	150
361	SB1-10	QUEUE CONV	3.5	0	VFD	2.0	150
362	VSU-SB1-A	VERTICAL SORTER	9.0	0	BKM	2.0	
363	SB2-01	INCL/DECL CONV	12.9	0	VFD	2.0	150
364	SB2-02	POWERTURN	9.0	90	VFD	3.0	150
365	SB2-03	TRANSPORT CONV	42.8	0	VFD	3.0	150
366	SB2-04	POWERTURN	4.5	45	VFD	2.0	150
367	SB2-05	TRANSPORT CONV	11.1	0	VFD	2.0	150
368	SB2-06	POWERTURN	4.5	45	VFD	2.0	150
369	SB2-07	TRANSPORT CONV	40.2	0	VFD	3.0	150
370	SB2-08	INCL/DECL CONV	25.2		VBM	3.0	150

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
371	SB2-09	QUEUE CONV	3.5	0	VFD	2.0	150
372	SB2-10	QUEUE CONV	3.5	0	VFD	2.0	150
373	SB2-11	QUEUE CONV	3.5	0	VFD	2.0	150
374	SB2-12	QUEUE CONV	3.5	0	VFD	2.0	150
375	VSU-SB2-A	VERTICAL SORTER	9.0	0	BKM	2.0	
376	SB3-01	INCL/DECL CONV	13.5	0	VFD	2.0	150
377	SB3-02	QUEUE CONV	3.5	0	VFD	2.0	150
378	SB3-03	POWERTURN	4.5	45	VFD	2.0	150
379	SB3-04	LONG MERGE	6.3		VFD	3.0	150
380	SB4-01	INCL/DECL CONV	13.5	0	VFD	2.0	150
381	SB4-02	QUEUE CONV	4.0	0	VFD	2.0	150
382	SB4-03	POWERTURN	4.5	45	VFD	2.0	150
383	SB4-04	LONG MERGE	6.3	0	VFD	3.0	150
384	SB5-01	INCL/DECL CONV	13.9	0	VBM	2.0	180
385	SB5-02	TRANSPORT CONV	25.0	0	VFD	3.0	200
386	HSD-PI1	HSD	0.0	0	VFD	1.0	
387	SB5-03	QUEUE CONV	3.5	0	VFD	2.0	150
388	SB5-04	QUEUE CONV	3.5	0	VFD	2.0	120
389	SB5-05	QUEUE CONV	3.5	0	VFD	2.0	120
390	SB5-06	QUEUE CONV	3.5	0	VFD	2.0	120
391	SB5-07	QUEUE CONV	3.5	0	VFD	2.0	120
392	SB5-08	QUEUE CONV	3.5	0	VFD	2.0	120
393	SB5-09	QUEUE CONV	3.5	0	VFD	2.0	120
394	SB5-10	QUEUE CONV	3.5	0	VFD	2.0	120
395	SB6-01	INCL/DECL CONV	13.9	0	VBM	2.0	180
396	SB6-02	TRANSPORT CONV	24.1	0	VFD	3.0	200
397	HSD-PI2	HSD	0.0	0	VFD	1.0	
398	SB6-03	QUEUE CONV	3.5	0	VFD	2.0	150
399	SB6-04	QUEUE CONV	3.5	0	VFD	2.0	120
400	SB6-05	QUEUE CONV	3.5	0	VFD	2.0	120
401	SB6-06	QUEUE CONV	3.5	0	VFD	2.0	120
402	SB6-07	QUEUE CONV	3.5	0	VFD	2.0	120
403	SB6-08	QUEUE CONV	3.5	0	VFD	2.0	120
404	SB6-09	QUEUE CONV	3.5	0	VFD	2.0	120
405	SB6-10	QUEUE CONV	3.5	0	VFD	2.0	120
406	TC1-01	TICKET COUNTER CONV	44.4	0	BKM	3.0	95
407	TC1-02	TICKET COUNTER CONV	44.4	0	BKM	3.0	95

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
408	TC1-03	POWERTURN	4.5	45	BKM	2.0	85
409	TC1-04	TICKET COUNTER CONV	34.9	0	BKM	3.0	95
410	TC1-05	POWERTURN	9.0	90	BKM	2.0	85
411	TC1-05/FD	DOOR	0.0	0		N/A	0
412	TC1-06	INCL/DECL CONV	41.9	0	BKM	5.0	180
413	TC1-07	TRANSPORT CONV	28.3	0	BKM	3.0	225
414	TC1-08	POWERTURN	9.0	90	BKM	3.0	250
415	TC1-09	TRANSPORT CONV	28.0	0	BKM	3.0	260
416	TC1-10	TRANSPORT CONV	31.8	0	BKM	5.0	260
417	TC1-11	POWERTURN	9.0	90	BKM	3.0	280
418	TC1-12	INCL/DECL CONV	21.3	0	BKM	5.0	260
419	TC1-13	TRANSPORT CONV	23.0	0	BKM	3.0	260
420	TC1-14	POWERTURN	9.0	90	BKM	3.0	280
421	TC1-15	TRANSPORT CONV	45.9	0	BKM	5.0	260
422	TC1-16	TRANSPORT CONV	37.4	0	BKM	5.0	260
423	TC1-17	TRANSPORT CONV	19.6	0	BKM	3.0	290
424	TC1-18	POWERTURN	4.5	45	BKM	2.0	320
425	TC1-19	TRANSPORT CONV	8.1	0	BKM	2.0	290
426	TC1-20	POWERTURN	4.5	45	BKM	2.0	320
427	TC1-21	POWERTURN	9.0	90	BKM	3.0	320
428	TC1-22	SHORT TRANSPORT	3.5		BKM	2.0	300
429	TC1-23	POWERTURN	9.0	90	BKM	3.0	320
430	TC1-24	TRANSPORT CONV	13.7	0	BKM	2.0	290
431	HSD-XO1	HSD	0.0	0	VFD	1.0	
432	TC1-25	TRANSPORT CONV	38.1		BKM	5.0	300
433	TC1-26	TRANSPORT CONV	38.1	0	VFD	5.0	300
434	ATR/TC1-26	TAG READER	0.0	0		N/A	0
435	TC1-27	TRANSPORT CONV	19.7	0	VFD	3.0	280
436	TC1-28	POWERTURN	9.0	90	VFD	3.0	280
437	TC1-29	TRANSPORT CONV	11.9	0	VFD	2.0	280
438	TC1-30	QUEUE CONV	3.5		VFD	2.0	280
439	TC1-31	QUEUE CONV	3.5	0	VFD	2.0	280
440	TC1-32	TRANSPORT CONV	18.5		VFD	3.0	280
441	HSD-ED1	HSD	0.0	0	VFD	1.0	
442	TC1-33	TRANSPORT CONV	26.4		VFD	5.0	280
443	HSD-ED3	HSD	0.0	0	VFD	1.0	
444	TC2-01	TICKET COUNTER CONV	30.3	0	BKM	2.0	90

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
445	TC2-02	TICKET COUNTER CONV	30.3	0	BKM	2.0	90
446	TC2-03	POWERTURN	4.5	45	BKM	2.0	85
447	TC2-04	TICKET COUNTER CONV	28.3	0	BKM	2.0	90
448	TC2-05	TICKET COUNTER CONV	28.3	0	BKM	2.0	90
449	TC2-06	POWERTURN	9.0	90	BKM	2.0	85
450	TC2-06/FD	DOOR	0.0	0		N/A	0
451	TC2-07	INCL/DECL CONV	25.2	0	BKM	3.0	130
452	TC2-08	TRANSPORT CONV	6.4	0	BKM	2.0	180
453	TC2-09	POWERTURN	9.0	90	BKM	3.0	250
454	TC2-10	TRANSPORT CONV	43.6	0	BKM	5.0	260
455	TC2-11	INCL/DECL CONV	28.7	0	BKM	3.0	260
456	TC2-12	TRANSPORT CONV	22.8	0	BKM	3.0	290
457	TC2-13	TRANSPORT CONV	19.1	0	BKM	3.0	300
458	HSD-XO2	HSD	0.0	0	VFD	1.0	
459	TC2-14	TRANSPORT CONV	16.0	0	BKM	2.0	280
460	TC2-15	QUEUE CONV	3.5	0	VFD	2.0	300
461	TC2-16	QUEUE CONV	3.5	0	VFD	2.0	300
462	ATR/TC2-16	TAG READER	0.0	0		N/A	0
463	TC2-17	TRANSPORT CONV	20.9	0	VFD	3.0	280
464	HSD-ED2	HSD	0.0	0	VFD	1.0	
465	TX1-01	LOAD/UNLOAD CONV	40.0	0	STD	5.0	120
466	TX1-02	LOAD/UNLOAD CONV	44.8	0	STD	5.0	120
467	TX1-03	POWERTURN	9.0	90	STD	2.0	150
468	TX1-04	TRANSPORT CONV	45.2	0	STD	5.0	175
469	TX1-05	POWERTURN	3.0	30	STD	2.0	205
470	TX1-06	TRANSPORT CONV	8.9	0	STD	2.0	225
471	TX1-07	POWERTURN	3.0	30	STD	2.0	250
472	TX1-08	TRANSPORT CONV	17.0	0	STD	2.0	225
473	TX1-09	TRANSPORT CONV	10.0	0	STD	2.0	225
474	TX1-10	TRANSPORT CONV	29.9	0	STD	3.0	225
475	TX1-11	POWERTURN	9.0	90	STD	3.0	250
476	TX1-12	INCL/DECL CONV	19.7	0	BKM	3.0	225
477	TX1-13	QUEUE CONV	3.5	0	BKM	2.0	220
478	TX1-14	QUEUE CONV	3.5	0	BKM	2.0	220
479	TX1-15	POWERTURN	9.0	90	BKM	3.0	250
480	TX1-16	POWERTURN	4.5	45	BKM	2.0	250
481	TX1-17	LONG MERGE	6.3	0	BKM	3.0	225

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
482	TX2-01	LOAD/UNLOAD CONV	38.4	0	STD	5.0	120
483	TX2-02	POWERTURN	3.0	30	STD	2.0	150
484	TX2-03	INCL/DECL CONV	27.5	0	BKM	5.0	175
485	TX2-04	TRANSPORT CONV	39.7	0	STD	5.0	205
486	TX2-05	TRANSPORT CONV	36.8	0	STD	5.0	205
487	TX2-06	TRANSPORT CONV	24.2	0	STD	3.0	225
488	TX2-07	POWERTURN	4.5	45	STD	2.0	215
489	TX2-08	INCL/DECL CONV	10.8	0	BKM	2.0	225
490	TX2-09	SHORT TRANSPORT	4.5	0	BKM	2.0	220
491	TX2-10	POWERTURN	4.5	45	BKM	2.0	215
492	TX2-11	QUEUE CONV	3.5	0	BKM	2.0	220
493	TX2-12	QUEUE CONV	4.7	0	BKM	2.0	220
494	TX2-13	LONG MERGE	6.0	0	BKM	3.0	225
495	XO1-01	TRANSPORT CONV	15.2	0	BKM	2.0	290
496	XO1-02	QUEUE CONV	3.5	0	BKM	2.0	220
497	XO1-03	QUEUE CONV	3.5	0	BKM	2.0	220
498	XO1-04	POWERTURN	4.5	45	BKM	2.0	250
499	XO1-05	LONG MERGE	6.3	0	BKM	3.0	225
500	XO2-01	TRANSPORT CONV	12.0	0	BKM	2.0	210
501	XO2-02	QUEUE CONV	3.5	0	BKM	2.0	255
502	XO2-03	QUEUE CONV	3.5	0	BKM	2.0	230
503	XO2-04	POWERTURN	4.5	45	BKM	2.0	250
504	XO2-05	LONG MERGE	6.3	0	BKM	3.0	225
505	XO3-01	TRANSPORT CONV	14.0	0	VFD	2.0	290
506	XO3-02	QUEUE CONV	4.0	0	VFD	2.0	260
507	XO3-03	QUEUE CONV	4.0	0	VFD	2.0	230
508	XO3-04	QUEUE CONV	4.0	0	VFD	2.0	220
509	XO3-05	POWERTURN	4.5	45	VFD	2.0	220
510	XO3-06	LONG MERGE	6.0	0	VFD	3.0	220
511	XO4-01	TRANSPORT CONV	12.4	0	VFD	2.0	290
512	XO4-02	QUEUE CONV	3.5	0	VFD	2.0	260
513	XO4-03	QUEUE CONV	3.5	0	VFD	2.0	230
514	XO4-04	POWERTURN	4.5	45	VFD	2.0	230
515	XO4-05	QUEUE CONV	4.0	0	VFD	2.0	220
516	XO4-06	QUEUE CONV	4.0	0	VFD	2.0	220
517	XO4-07	LONG MERGE	6.0	0	VFD	3.0	220
518	CN2DN-01	CN2DN PANEL					
519	CN2DN-02	CN2DN PANEL					

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
520	CN2DN-03	CN2DN PANEL					
521	CN2DN-04	CN2DN PANEL					
522	CN2DN-05	CN2DN PANEL					
523	CN2DN-06	CN2DN PANEL					
524	CN2DN-07	CN2DN PANEL					
525	CN2DN-08	CN2DN PANEL					
526	CN2DN-09	CN2DN PANEL					
527	CN2DN-10	CN2DN PANEL					
528	CN2DN-11	CN2DN PANEL					
529	CN2DN-12	CN2DN PANEL					
530	CN2DN-13	CN2DN PANEL					
531	CN2DN-14	CN2DN PANEL					
532	CN2DN-15	CN2DN PANEL					
533	CN2DN-16	CN2DN PANEL					
534	CN2DN-17	CN2DN PANEL					
535	CN2DN-18	CN2DN PANEL					
536	CN2DN-19	CN2DN PANEL					
537	CN2DN-20	CN2DN PANEL					
538	CN2DN-21	CN2DN PANEL					
539	CN2DN-22	CN2DN PANEL					
540	CN2DN-23	CN2DN PANEL					
541	CN2DN-24	CN2DN PANEL					
542	CN2DN-25	CN2DN PANEL					
543	CN2DN-26	CN2DN PANEL					
543	CP-01	CONTROL PANEL					
543	CP-02	CONTROL PANEL					
543	CP-03	CONTROL PANEL					
543	CP-04	CONTROL PANEL					
543	CP-05	CONTROL PANEL					
543	CP-06	CONTROL PANEL					
544	MCP-01	MAIN CONTROL PANEL					
545	MCP-02	MAIN CONTROL PANEL					
546	MCP-03	MAIN CONTROL PANEL					
547	MCP-04	MAIN CONTROL PANEL					
548	MCP-05	MAIN CONTROL PANEL					

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
549	MCP-06	MAIN CONTROL PANEL					
550	MCP-07	MAIN CONTROL PANEL					
551	MCP-08	MAIN CONTROL PANEL					
552	MCP-09	MAIN CONTROL PANEL					
553	MCP-10	MAIN CONTROL PANEL					
554	MCP-11	MAIN CONTROL PANEL					
555	MCP-12	MAIN CONTROL PANEL					
556	MCP-13	MAIN CONTROL PANEL					
557	MCP-16	MAIN CONTROL PANEL					
558	MCP-17	MAIN CONTROL PANEL					
559	MCP-18	MAIN CONTROL PANEL					
560	MCP-19	MAIN CONTROL PANEL					
561	MPLC-01	MAIN PLC PANEL					
562	MPLC-02	MAIN PLC PANEL					
563	BDS-TC1-26	BAGGAGE DIMENSIONER					
		List End					

"Old Northwest" BHS Detailed Equipment List

	SECTION	TYPE	LENGTH	PT DEGREE	DRIVE	HP	SPEED
		OLD NORTH WEST					
1	TC2-2	POWERTURN					
2	TC2-3	TRANSPORT					
3	TC2-4	TRANSPORT					
4	TC2-5	POWERTURN					
5	TC2-6	QUEUE					
6	TC2-7	TRANSPORT					
7	TC2-8	TRANSPORT					
8	TC2-9	POWERTURN		90			

9	TC2-10	TRANSPORT					
10	TC2-11	QUEUE					
11	TC2-12	QUEUE					
12	CC-1	TRANSPORT					
13	CC-2	TRANSPORT					
14	CC-3	QUEUE					
15	CC-4	MERGE					
16	CS-1	TRANSPORT					
17	CS-2	TRANSPORT					
18	CS-3	POWERTURN		45			
19	CS-4	QUEUE					
20	CS-5	MERGE					
21	TC1-1	TRANSPORT					
22	TC1-2	POWERTURN					
23	TC1-3	TRANSPORT					
24	TC1-4	TRANSPORT					
25	TC1-5	POWERTURN					
26	TC1-6	QUEUE					
27	TC1-7	QUEUE					
28	TC1-8	POWERTURN					
29	TC1-9	TRANSPORT					
30	TC1-10	QUEUE					
31	TC1-11	HSD 1					
32	TC1-12	POWERTURN					
33	TC1-13	TRANSPORT					
34	TC1-14	POWERTURN					
35	TC1-15	TRANSPORT					
36	TC1-16	QUEUE					
37	TC1-17	QUEUE					
38	TC1-18	QUEUE					
39	TC1-19	QUEUE					
40	CL-01	QUEUE					
41	CL-02	POWERTURN					
42	MU1	MAKE-UP DEVICE					
43	MCP-01	MAIN CONTROL PANEL					
		COMMON USE CLAIMS					
44	IB14-01	TRANSPORT					
45	IB14-02	QUEUE					
46	IB14-03	POWERTURN					
47	IB14-04	POWERTURN					
48	IB14-05	TRANSPORT					
49	IB14-06	POWERTURN					
50	IB14-07	QUEUE					
51	IB14-08	TRANSPORT					

52	IB14 DOOR	FIRE DOOR					
53	CLAIM 14	CLAIM DEVICE					
54	MCPCLAIM14	MAIN CONTROL PANEL					
55	IB9-01	TRANSPORT					
56	IB9-02	TRANSPORT					
57	IB9-03	TRANSPORT					
58	IB9-04	POWERTURN					
59	IB9-05	TRANSPORT					
60	IB9-06	POWERTURN					
61	IB9-07	TRANSPORT					
62	IB9-08	TRANSPORT					
63	IB9-09	POWERTURN					
64	IB9-10	TRANSPORT					
65	IB9-11	TRANSPORT					
66	IB9-12	POWERTURN					
67	IB9-13	QUEUE					
68	IB9-14	TRANSPORT					
69	IB9-DOOR	FIRE DOOR					
70	CLAIM 9	CLAIM DEVICE					
71	MCP CLAIM9	MAIN CONTROL PANEL					
72	IB7-01	TRANSPORT					
73	IB7-02	QUEUE					
74	IB7-03	POWERTURN					
75	IB7-04	TRANSPORT					
76	IB7-05	POWERTURN					
77	IB7-06	POWERTURN					
78	IB7-07	QUEUE					
79	IB7-08	TRANSPORT					
80	IB7-DOOR	FIRE DOOR					
81	CLAIM 7	CLAIM DEVICE					
82	MCP CLAIM7	MAIN CONTROL PANEL					
	Note:	Blank cells indicate unknown quantities.					
		System was initially installed by Northwest Airlines.					
		Equipment details not provided to SFO by Airline.					

PASSENGER BOARDING BRIDGES					
	LOCATION	MANUFACTURER/ACTIVATION DATE	MODEL	SERIAL #	MAINTENACE WORK TO BE PERFORMED
83	GATE B6	JBT / JULY 2019		TBD	On-Call & Daily
84	GATE B7	JBT / JULY 2019		TBD	On-Call & Daily
85	GATE B8	JBT / JULY 2019		TBD	On-Call & Daily
86	GATE B9	JBT / JULY 2019		TBD	On-Call & Daily
87	GATE B12	JBT / JULY 2019		TBD	On-Call & Daily
88	GATE B13	JBT / JULY 2019		TBD	On-Call & Daily
89	GATE B14	JBT / JULY 2019		TBD	On-Call & Daily
90	GATE B17	JBT / JULY 2019		TBD	On-Call & Daily
91	GATE B18	JBT / JULY 2019		TBD	On-Call & Daily
92	GATE B19	JBT / MARCH 2020		TBD	On-Call & Daily
93	GATE B20	JBT / MARCH 2020		TBD	On-Call & Daily
94	GATE B21	JBT / MARCH 2020		TBD	On-Call & Daily
95	GATE B22	JBT / MARCH 2020		TBD	On-Call & Daily
96	GATE B23	JBT / MARCH 2020		TBD	On-Call & Daily
97	GATE B24	JBT / MARCH 2020		TBD	On-Call & Daily
98	GATE B25	JBT / MARCH 2020		TBD	On-Call & Daily
99	GATE B26	JBT / MARCH 2020		TBD	On-Call & Daily
100	GATE B27	JBT / MARCH 2020		TBD	On-Call & Daily
101	GATE 47	JBT / OPERATIONAL	AD3 50/95	OG 35309	Complete Maintenance
102	GATE 58B	JBT / OPERATIONAL	A3 60/119-125R	31400	Complete Maintenance
103	GATE 59	JBT / OPERATIONAL	A3 64/131-125R	31403	Complete Maintenance
	Note:	Blank cells indicate unknown quantities.			
		System was initially installed by Northwest Airlines.			
		Equipment details not provided to SFO by Airline.			

Appendix B - Calculation of Charges
ATTCHMENT 1.A

Staffing Level and Allocation Plan

WEEKLY STAFFING SCHEDULE SFO_T2							
	Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	Start - End	Start -End	Start -End	Start -End	Start -End	Start -End	Start -End
Site Manager	OFF	7:00am - 4:00pm	7:00am - 4:00pm	7:00am - 4:00pm	7:00am - 4:00pm	7:00am - 4:00pm	OFF
Technicians (PW)							
Jamar Lyles (TECH I)	4:30am - 1:00pm	4:30am - 1:00pm	4:30am - 1:00pm	4:30am - 1:00pm	4:30am - 1:00pm	OFF	OFF
Jesse Ridge (TECH II)	OFF	12:30pm - 8:30pm	12:30pm - 8:30pm	OFF	4:30am - 1:00pm	4:30am - 1:00pm	4:30am - 1:00pm
Ben Nsrag (TECH I)	12:30pm - 8:30pm	OFF	OFF	12:30pm - 8:30pm	12:30pm - 8:30pm	12:30pm - 8:30pm	12:30pm - 8:30pm
Antonio Serrano Jr. (TECH I)	OFF	8:30pm - 4:30am	8:30pm - 4:30am	8:30pm - 4:30am	8:30pm - 4:30am	8:30pm - 4:30am	OFF
Louis Gonzalez (TECH II)	8:30pm - 4:30am	8:30pm - 4:30am	8:30pm - 4:30am	8:30pm - 4:30am	OFF	OFF	8:30pm - 4:30am
Fernando Guevara (TECH I)	8:30pm - 4:30am	OFF	OFF	8:30pm - 4:30am	8:30pm - 4:30am	8:30pm - 4:30am	8:30pm - 4:30am
New Technician (TECH II)			930pm - 430am	930pm - 430am	930pm - 430am	930pm - 430am	930pm - 430am
Manual Amaya (TECH I)	ON-CALL	ON-CALL	ON-CALL	ON-CALL	ON-CALL	ON-CALL	ON-CALL
CRO (Non PW)							
Marcus Reed	4:00am - 2:30pm	4:00am - 2:30pm	4:00am - 2:30pm	4:00am - 3:00am	OFF	OFF	OFF
Adrianna Kuan	OFF	OFF	OFF	3:00am - 2:00pm	4:00am - 2:30pm	4:00am - 2:30pm	4:00am - 2:30pm
Carl Arriola	OFF	OFF	OFF	7:00pm - 12:00am	2:00pm - 12:30am	2:00pm - 12:30am	2:00pm - 12:30am
Fatima Dembelle	2:00pm - 12:30am	2:00pm - 12:30am	2:00pm - 12:30am	2:00pm - 7:00pm	OFF	OFF	OFF
Unjammer / Manual Encoder (PW)							
Mikhail Mysliviy	4:00am - 2:30pm	4:00am - 2:30pm	4:00am - 2:30pm	4:00am - 3:00am	OFF	OFF	OFF
John Roman	OFF	OFF	OFF	3:00am - 2:00pm	4:00am - 2:30pm	4:00am - 2:30pm	4:00am - 2:30pm
Victor Hernandez	OFF	OFF	OFF	7:00pm - 12:00am	2:00pm - 12:30am	2:00pm - 12:30am	2:00pm - 12:30am
Jose Morales	2:00pm - 12:30am	2:00pm - 12:30am	2:00pm - 12:30am	2:00pm - 7:00pm	OFF	OFF	OFF

Detailed Pricing Breakdown
Year 4: October 1, 2019 through September 30, 2020

Detail Pricing Breakdown

July 25,2019

7.1 Labor Costs (Fully Staffed Service) 1 Year Period — Year 2019-2020

	Position Title	No. Full-Time Positions	Hourly Wage Oct 1,2019 thru Jun 30 ,2020	Hourly Wage Jul 1, 2020 thru Sept 30,2020	Burden % *	Hourly Wage with Burden	Annual Full Time Labor Hours 1FT yr = 2,080 hrs X No. Positions	Annual Total Hours (Excluding PTO)	Annual Labor Cost with Burden	
1	Site Manager	1	$ 50.48	$ 50.48	103.03%	$ 102.49	2080	1856.00	$190,220.59	
2	Maintenance Technicians	7	$ 66.95	$ 69.64	86.37%	$ 126.03	14560	12992.00	$1,637,387.89	
3	Control Room Operator	3.5	$ 25.00	$ 25.00	117.89%	$ 54.47	7280	6384.00	$347,752.44	
4	Unjammer / Manual Encoder	3.5	$ 56.03	$ 56.54	115.74%	$ 121.15	7280	6384.00	$773,448.98	

* Burden % shall include all costs associated with Proposer's Labor costs including, but not limited to: paid time off, payroll taxes, pension costs health insurance, dental insurance, unemployment insurance, workers comp insurance, and any other benefits and indirect labor costs. — $2,948,809.91

7.2 All Other Costs for Service (Monthly)

Identify all other costs of peforming the work identified in Exhibit G - Draft Appendix A, Services to be Provided by the Contractor, expressed in a monthly fee. The monthly fee should include all administrative and overhead costs not already addressed in other sections of the proposal, such as: use of tools and equipement; uniforms; parking and badging; data, cell phones, landlines, fax; corporate insurance; cffice supplies, fuel and consumables; arranging for purchase and delivery of spare parts; training; licenses and permits associated with work; travel

All Other Monthly Costs for Service	$ 9,838.16	$118,057.92

7.3 Profit Margin. Expressed as a percentage of the Total Labor Cost

Expressed as a percentage of the Total Labor Cost	7.80%	$230,007.17
SUBTOTAL COST WITH PROFIT		$3,296,875.00
TOTAL ANNUAL CONTRACT COST		$3,296,875.00
Monthly Invoice Value Not to Exceed		$274,739.58

Appendix C – Office of Labor Standards and Enforcement Determination.

CITY AND COUNTY OF SAN FRANCISCO — LONDON N. BREED, MAYOR

GENERAL SERVICES AGENCY
OFFICE OF LABOR STANDARDS ENFORCEMENT
PATRICK MULLIGAN, DIRECTOR

July 22, 2019

Emylene Aspilla
Director of Social responsibility and Community Sustainability
San Francisco International Airport

The City of San Francisco's Charter and Administrative Code grant the Office of Labor Standards Enforcement authority to enforce the City's Prevailing Wage Ordinances.

Regarding work performed under SFO contract 50030.01 for the operation, maintenance and repair of equipment, it is the opinion of the San Francisco Office of Labor Standards Enforcement that the correct classifications for determination of prevailing wages are:

1. **Carpenter and Related Trades: Millwright** - for all labor involving installation, inspection, repair and maintenance of equipment

2. **Laborer and Related Classifications**: **Group 3** - for all other tasks associates with the execution of the contract with the exception of tasks performed solely by the **Control Room Operator**.

Respectfully,

James Hewitt, Supervising Compliance Officer
Office of Labor Standards Enforcement
City Hall, Room 430
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102
415-554-6239