GENERAL NOTES:

- 1. THIS PACKAGE SCOPE OF WORK INCLUDES A FULLY OPERATIVE INTEGRATED AIRPORT SYSTEM, REFERRED TO HEREIN AS THE AIRPORT INFORMATION MANAGEMENT SYSTEM (AIMS) THAT MEETS ALL OF THE EQUIPMENT, FUNCTIONAL, OPERATIONAL, PERFORMANCE, AND REDUNDANCY REQUIREMENTS IN THE PROJECT PLANS (SECTION TITLED MF) AND SPECIFICATIONS (SECTION 274216). ELECTRICAL POWER AND DATA CONNECTIVITY, INCLUSIVE OF ALL CONDUIT AND CABLING, SHALL BE BY OTHERS AS REFERENCED IN THE ELECTRICAL AND TELECOMMUNICATIONS SECTIONS OF THE DRAWINGS AND SPECIFICATIONS.
- 2. THE SCOPE OF WORK UNDER THIS CONTRACT INVOLVES THE INSTALLATION OF NETWORK ARCHITECTURE COMPONENTS, COMMON USE SELF SERVICE (CUSS) KIOSKS, MULTI-USER FLIGHT INFORMATION DISPLAY SYSTEMS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR AND MATERIAL ASSOCIATED WITH THE SCOPE OUTLINED WITHIN THE PROJECT MANUAL, UNLESS OTHERWISE NOTED.
- 3. ALL SCREENS SHOWN, IN THIS PACKAGE SHALL BE FURNISHED, MOUNTED, AND INSTALLED UNDER THIS CONTRACT. MOUNTING OF SCREENS SHALL BE COORDINATED WITH THE MILLWORK CONTRACTOR. THIS CONTRACT SHALL SUBMIT NECESSARY SCREEN, DVC, AND MOUNTING HARDWARE CUT SHEETS TO THE CONSTRUCTION MANAGER, ENGINEER, AND OWNER FOR APPROVAL 30 DAYS AFTER AWARD OF THE CONTRACT.
- 4. THE SCOPE OF WORK OUTLINED IN THE "MF" PACKAGE AND IN SPECIFICATION SECTION 2742126 SHALL BE PROCURED THROUGH THE OWNER. THE BASE BUILDING CONTRACT WILL CARRY AN ALLOWANCE FOR THE SCOPE OF WORK, PLEASE SEE THE SPECIFICATIONS FOR DETAILS. THE OWNER WILL SELECT THE INTEGRATOR BASED ON THE "BEST VALUE".
- 5. ALL POWER AND DATA REQUIRED FOR THE SYSTEM SHOWN IN THIS PACKAGE SHALL BE PROVIDED BY THE BASE BUILDING SCOPE OF WORK SHOWN IN THE "TC" AND "E" SETS. ALL DATA AND POWER INFORMATION IS FOR REFERENCE AND COORDINATION ONLY.
- 6. ALL SCREEN AND KIOSK SUBMITTALS REQUIRED IN THE SPECIFICATION SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO GAINING FINAL APPROVAL.
- 7. THE SYSTEM SHALL BE COMMISSIONED IN ACCORDANCE WITH THE SPECIFICATION.
- 8. THESE DRAWINGS DESCRIBE THE GENERAL REQUIREMENTS FOR THE INSTALLATION OF THE MUFIDS SYSTEM WITHIN THE FACILITIES OF THE PORTLAND INTERNATIONAL JETPORT. THE PROJECT INCLUDES FURNISHING, INSTALLATION, STARTUP AND TESTING OF THE COMPONENTS FOR THE COMPLETE MUFIDS SYSTEM AS DESCRIBED IN THESE DRAWINGS, AND THE SPECIFICATIONS. CONTRACTOR SHALL REVIEW ALL DRAWINGS AND SPECIFICATIONS THOROUGHLY PRIOR TO SUBMITTING A PROPOSAL.
- 9. CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL DEVICES AND FINAL CONDUIT ROUTING WITH THE ENGINEER/PWM PRIOR TO INSTALLATION.
- 10. CONTRACTOR SHALL COORDINATE TELECOMMUNICATION CONDUITS AND CABLES INSTALLATION/TERMINATION WITH TELECOMMUNICATION CONTRACTOR.
- 11. ANY PENETRATION THROUGH THE FLOOR SLAB SHALL BE COORDINATED WITH RADIANT FLOOR PEX TUBING WITHIN THE SLAB ASSEMBLY.
- 12. DIMENSIONS TAKE PRECEDENCE OVER SCALE.
- 13. THE CONTRACTOR SHALL PROVIDE SECURITY WITHIN THE CONSTRUCTION AREA AND WILL KEEP ALL UNAUTHORIZED PERSONNEL OUT. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE PROJECT AREA THROUGH ACCESS POINTS AS DIRECTED BY THE PWM.
- 14. IN CONSTRUCTION AREAS THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING CABLES DURING CONSTRUCTION. THE CONTRACTOR WILL PAY FOR ALL COSTS ASSOCIATED WITH THE REPAIR OF ANY DAMAGED CABLES.
- 15. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL SAFETY DEVICES SUCH AS STAKED LIMIT LINES AND BARRICADES. ALL TEMPORARY MARKINGS, BARRICADES, FLAGMEN, ETC REQUIRED SHALL BE FURNISHED AT NO ADDITIONAL COST TO THE OWNER.
- 16. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ENGINEER AT ONCE IF THERE ARE ANY DISCREPANCIES.
- 17. THE ALTERATION OF THE EXISTING BUILDINGS IS WORK OF A COMPLEX NATURE WHICH WILL REQUIRE ACCURATE PLANNING, CAREFUL PREPARATION AND EXECUTION, ATTENTION TO DETAIL AND CLOSE SUPERVISION BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO DO THIS WORK IN FULL COOPERATION WITH ALL CONSTRUCTION TRADES AND SUBJECT TO SCHEDULING ARRANGED TO MINIMIZE DISRUPTION OF NORMAL ACTIVITIES OF THE BUILDINGS. PHASING OF ALL WORK SHALL BE DONE IN COORDINATION WITH THE PWM.
- 18. ALL DEVICES AND BOXES INSTALLED SHALL BE TAGGED AND/OR MARKED AS MUFIDS IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- 19. ALL PENETRATIONS, BOTH NEW AND EXISTING, THROUGH DESIGNATED FIRE RATED WALLS, CEILINGS AND FLOOR SLABS (WHICH ARE 2-HOUR RATED) SHALL BE PROPERLY SEALED WITH AN APPROVED RATED FIRESTOPPING MATERIAL. CONTRACTOR SHALL SUBMIT INSTALLATION DETAILS FOR FIRESTOPPING TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- 20. WHERE UTILITIES AND/OR SERVICES REQUIRE SHUTDOWN FOR THE

- WORK TO BE PERFORMED, NOTIFY THE PWM. REQUESTS FOR UTILITY AND/OR SERVICE SHUTDOWNS SHALL BE SUBMITTED TO THE PWM IN WRITING, A MINIMUM OF 2 WEEKS PRIOR TO THE SCHEDULED SHUTDOWN.
- 21. THE CONTRACTOR SHALL NOT BE ALLOWED ANY STORAGE AREA OTHER THAN THAT AVAILABLE WITHIN THE LIMITS OF THE STAGING AREA OR CONFINES OF THE WORK AREA.
- 22. ALL MATERIALS SHALL COMPLY WITH APPLICABLE CODES, ORDINANCES AND REGULATIONS.
- 23. A COPY OF THE CURRENT SET OF CONTRACT DOCUMENTS (WITH AS-BIULT INFORMATION) SHALL BE KEPT AT THE JOB SITE AT ALL TIMES BY THE CONTRACTOR.
- 24. THE CONTRACTOR SHALL PATCH, REPAIR OR REPLACE EXISTING WORK DISTURBED BY THIS CONTRACT WITH MATERIAL AND WORKMANSHIP MATCHING OR EQUAL TO THE CONDITION OF ADJACENT UNDISTURBED AREAS AND PRIOR TO THE NEW WORK BEING STARTED.
- 25. ALL CONTRACTOR EMPLOYEES SHALL BE BADGED IN ACCORDANCE WITH THE REQUIREMENTS OF AIRPORT SECURITY. CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE AIRPORT BADGING OFFICE FOR TESTING AND BADGING OF CONTRACTOR'S PERSONNEL. MATERIAL SUPPLIERS WILL NOT REQUIRE AIRPORT BADGES, BUT MUST BE ESCORTED BY A PERMANENTLY BADGED CONTRACTOR EMPLOYEE AT ALL TIMES WITHIN THE AOA.
- 26. CONTRACTOR SHALL REPLACE IN-KIND ALL CEILING TILES DAMAGED DURING INSTALLATION AT NO ADDITIONAL COSTS TO THE OWNER.
- 27. CONTRACTOR SHALL REPAINT ANY AREA IN-KIND OF INSTALLATION DEFACES EXISTING WALLS, FLOORS, OR CEILINGS PAINTED AREAS.
- 28. THESE DRAWINGS MAY NOT SHOW ALL REQUIRED CONNECTIONS, PATCH CORDS, INTERCONNECTING CABLES, ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE IN HIS BID PRICE ALL APPURTENANCES FOR A COMPLETED AND OPERATIONAL SYSTEM THAT MEETS THE SYSTEM DESIGN REQUIREMENTS, WHETHER OR NOT SHOWN ON THE DRAWINGS OR CALLED OUT IN THE SPECIFICATIONS.

GENERAL REQUIREMENTS:

- 1. PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, INCIDENTALS, METHODS AND SERVICES REQUIRED TO INSTALL ALL WORK INDICATED COMPLETELY AND IN FULL OPERATION.
- 2. PRIOR TO ACCEPTANCE OF THE SPACE, ALL SYSTEMS SHALL BE TESTED, BALANCED, AND OPERATED TO DEMONSTRATE TO THE OWNER, OR HIS DESIGNATED REPRESENTATIVE, THAT THE INSTALLATION AND PERFORMANCE OF THESE SYSTEMS AND/OR PARTS THEREOF CONFORM TO DESIGN INTENT.
- 3. VERIFY ALL FIELD CONDITIONS, ACCESS WAYS, DIMENSIONS, AND DETAILS IN THE FIELD PRIOR TO BID AND PRIOR TO FABRICATION. INCLUDE IN BID ALL WORK NECESSARY TO COVER COSTS RESULTING FROM FIELD CONDITIONS.
- 4. ALL WORK SHALL BE IN CONFORMANCE WITH THE LATEST AND ALL APPLICABLE LAWS, CODES, AND REGULATIONS ADOPTED BY MUNICIPAL, COUNTY, STATE, AIRPORT AUTHORITIES, FEDERAL AUTHORITIES, UTILITY COMPANIES, INSURANCE AGENCIES AND OTHER AUTHORITIES HAVING JURISDICTION OVER THE WORK, INCLUDING CURRENT ENVIRONMENTAL REGULATIONS, AND SHALL COMPLY WITH THE APPLICABLE LOCAL ELECTRICAL CODES.
- 5. APPLY FOR, SECURE, AND PAY FOR ALL PERMITS AND/OR CERTIFICATES OF INSPECTION REQUIRED IN THE PERFORMANCE OF THE WORK BY ALL AUTHORITIES HAVING JURISDICTION.
- 6. THE CONTRACTOR SHALL GUARANTEE THE ENTIRE INSTALLATION FOR A PERIOD OF ONE YEAR (EXCEPT WHERE EXTENSIONS OF THIS ONE YEAR PERIOD ARE NOTED) FROM THE DATE OF ACCEPTANCE OF THE SYSTEM AS A WHOLE. ANY DEFECTS IN WORKMANSHIP, MATERIALS, MALFUNCTION OF EQUIPMENT OR UNSATISFACTORY PERFORMANCE, AND ALL OTHER WORK OR PARTS OF THE BUILDING DAMAGED THEREBY, AS A RESULT OF WORK OF THE PROJECT BY THE CONTRACTOR, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PAY ALL REPAIR COSTS ACCORDINGLY WITHOUT ADDITIONAL COSTS TO THE OWNER.
- 7. IN ADDITION TO SPECIFICS, AS MAY BE DEFINED HEREAFTER, THE CONTRACTOR SHALL PROTECT THE WORK SITE AND ALL HIS OR HER WORK AGAINST DAMAGE FROM ANY SURFACE (INCLUDING BUT NOT LIMITED TO WATER, DUST, HEAT, FREEZING ETC.) UNTIL FINAL COMPLETION AND ACCEPTANCE BY THE OWNER.
- 8. CONTRACTOR SHALL, UPON COMPLETION OF THE WORK, SUBMIT AS-BUILT RECORD DRAWINGS SHOWING ALL CHANGES FROM THE CONTRACT DRAWINGS MADE IN THE INSTALLATION, AND SHOWING DIMENSION LOCATIONS OF CONCEALED EQUIPMENT ON PARTS OF THE WORK.
- 9. PRIOR TO DELIVERY OF THE MATERIALS TO THE SITE, CONTRACTOR SHALL PROVIDE MATERIAL SAFETY DATA SHEETS FOR ALL ITEMS AND MATERIALS USED IN THE WORK.
- 10. UNLESS OTHERWISE NOTED, ALL PARTS, EQUIPMENT, AND MATERIALS SHALL BE NEW AND SHALL BE SAME AND/OR UL APPROVED.
- 11. CONTRACTOR SHALL COMPLETE ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THE WORK. CUTTING AND PATCHING SHALL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER. PATCHING MATERIALS SHALL MATCH EXISTING MATERIALS TO THE GREATEST EXTENT POSSIBLE. PROVIDE TOUCH UP PAINT AS REQUIRED TO MATCH PAINT FINISH & COLOR OF EXISTING ADJACENT AREAS.
- 12. CONTRACTOR SHALL DISPOSE OF TRASH/RUBBLE/CONSTRUCTION DEBRIS AN A DAILY BASIS FROM WORK AREA AND OFF AIRPORT PROPERTY. ALL TRASH/CONSTRUCTION DEBRIS SHALL HAULED OFF OF AIRPORT PROPERTY TO AN APPROVED DISPOSAL SITE. ANY TRASH/RUBBLE/CONSTRUCTION DEBRIS DEEMED AS HAZARDOUS WASTE/MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH CORRESPONDING REGULATIONS AND DISPOSED OF ACCORDINGLY AT AN APPROVED HAZARDOUS WASTE DUMPSITE WITH ALL OF THE APPROVED/REQUIRED DOCUMENTATION.
- 13. EACH CONTRACTOR SHALL PERFORM ALL WORK IN STRICT COMPLIANCE WITH THE AIRPORT AUTHORITIES.
- 14. CONTRACTOR SHALL COREDRILL OPENINGS THROUGH FLOORS FOR NEW CONDUIT PENETRATIONS AS REQUIRED. COREDRILLED OPENINGS SHALL BE SLEEVED AND SEALED WITH FIREPROOF MATERIAL. CONTRACTOR SHALL CORE DRILL 1/4"Ø PILOT HOLE PRIOR TO CORE DRILLING. CONTRACTOR SHALL TAKE PRECAUTIONS AS TO PROTECT AREA BENEATH COREDRILL AREA AND HAVE PERSONNEL AT THIS AREA IN ORDER TO CATCH CORE AND WATER THAT MAY ENTER AREA BELOW. REPLACE ANY/ALL CEILING TILES THAT ARE REMOVED/DAMAGED DUE TO THIS WORK. CONTRACTOR SHALL CLEAN AREA AFTER INSTALLATION. ALL COREDRILL LOCATIONS SHALL BE COORDINATED WITH AIRPORT AUTHORITIES PRIOR TO CORING.
- 15. CONTRACT DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE, DESIGN INTENT, AND GENERAL ARRANGEMENT ONLY, CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES INCLUDING RESOLUTION OF FIELD CONFLICTS THAT MAY ARISE.
- 16. PRIOR TO ANY UTILITY OUTAGE/INTERRUPTION, PREPARE A SCHEDULE OF ANY SUCH OUTAGE. INCLUDE DURATION, IDENTIFICATION OF UTILITY AFFECTED, TEMPORARY UTILITY SERVICE TO BE PROVIDED (IF REQUIRED) AND THE ACTION TO BE TAKEN IN CASE OF AN EMERGENCY. ALL OUTAGES SHALL BE IN WRITING, FULLY COORDINATED AND APPROVED BY THE AIRPORT AUTHORITIES, ALL OUTAGES SHALL BE SCHEDULED AT LEAST 72 HOURS IN ADVANCE. UTILITY OUTAGES/INTERRUPTIONS WILL NORMALLY BE SCHEDULED BETWEEN THE HOURS OF 12:00 PM AND 4:00 AM. TUESDAY THROUGH THURSDAY.

SHEET NOTES

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MUFIDS AND COMMON USE

GENERAL NOTES

As Indicated

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