Type A2, 22 – 30 passenger capacity schools buses

SPECIFICATIONS AND STANDARDS

1. AIR CONDITIONING:

• Front and rear air conditioning units shall be provided and shall operate independently of each other with separate compressors.

• Minimum BTU rating of 50,000 lbs with two evaporators, one front — one rear.

NOTE: Rear Roof mounted air conditioning shall not be acceptable.

The air conditioning system shall be a FM452 super system or equivalent. The system shall include 50,000 BTU evaporator mounted in the front or rear bulkhead, a 2 fan condenser, a 10 CID compressor and mount kit. All hoses and fittings shall be Aeroquip Quick Connect or equivalent.

A. Rear Evaporator

1) 50,000 BTU or greater
2) Evaporator to be installed in the front or rear bulkhead
3) Expansion valve to be 4 ton external expansion type
4) Housing shall be welded construction
5) Dual blowers
6) The drain pan shall have a 30 degree tilt towards the center of the pan. There will be drainage hoses on both ends of the evaporator
7) The coils will be 27”x6”x3”.
8) The front cover will be removable without the need for hand tools.

B. Condenser

1) 57,000 BTU or greater capacity
2) Slant coil design
3) 30 cubic inch filter drier with moisture indicator visible from outside of the bus
4) Coil size at least 353 sq inches
5) Coil to have aluminum fins expanded to 3/8 inch copper tubes
6) (2) 10” fans

2. ALTERNATOR:

• Dual alternators shall be provided with a minimum AMP rating of 120 each.

• Alternators shall be 12-volt series or equal of no less than 120amps each.

• Electric system including instrumentation shall be 12-volt negative ground system.

• Alternator's shall be mounted to be accessible near the top of the engine to prevent road contamination and be driven with a serpentine or double-V belt.

• A 150-amp or greater main circuit breaker with disconnect shall be mounted in the engine compartment. Circuit breaker shall be installed between the starter solenoid and the accessory box and mounted on the fire wall near the right front fender.

• Capacity should be sufficient to operate all accessories and the vehicle simultaneously.

3. GROSS VEHICLE WEIGHT (GVW):

• GVW rating of these buses shall be no less than 13,500 lbs and no more than 14,200 pounds. Buses shall have dual rear wheels.

4. BACK-UP WARNING DEVICE:

• An audible warning device indicating vehicle is about to backup or is backing-up shall be installed. Warning device shall sound upon placing the gear selector in reverse.

5. BATTERIES:

• Manufacturers standard Dual 12-volt maintenance-free type with a minimum of 650 cold cranking amps (cca) per battery.

• Battery capacity shall be sufficient to meet the electrical loads generated in normal overload factors.

• Battery tray shall be constructed with heavy duty materials.

• One-piece battery cables of sufficient length to reach from the outside battery compartment to engine compartment shall be provided.

• All cables are to be sufficiently protected from chaffing and shorting with appropriate protective devices.

6. BODY FLUID CLEAN-UP KIT:

• Contents of body fluid kit must meet Federal minimum standards.

• Container shall be constructed of metal or plastic suitable for mounting and labeled “BODY FLUID CLEAN-UP KIT” and be easily removed from mounting bracket as needed

• The successful vendor shall ensure that manufacturer refills are available to OSSE-DOT throughout the contract term.

• The Division of Transportation shall select mounting location at time of pilot model inspection.

7. SEATING

• Type A2-style bus design, with front-mounted engine.

• Units built for delivery to be fully equipped with a 3/2 seating.

• Overall length must not exceed Thirty (30) feet.

• The exterior side skirt of the bus shall extend at least to the centerline of the axles.

8. BODY TO FRAME MOUNTING:

• Hold-down clamps shall be of a positive type, spring type shall not be considered.

9. BRAKES:

• Power w/4-wheel antilock.

10. BUMPERS:

• Front bumpers to be heavy duty type from the chassis manufacturer.

• Rear bumper shall be pressed steel channel and meet Federal Standards for School Buses.

11. COLOR:

• Exterior - National School Bus Chrome Yellow high solids polyurethane (no exceptions.) Roof - to be painted white.

• Bumpers and Rub Rails - painted gloss black. Interior - standard color.

• All paint must be lead-free.

12. COOLING SYSTEM:

• Heavy duty radiator of sufficient capacity to maintain coolant system temperature to engine manufacturer specifications.

• Integral surge expansion tank shall be provided.

• Clutch driven fan shall be provided.

13. CONSTRUCTION:

• Construction must meet the standard established in the FMCSR

• Construction shall be of rust-resistant, zinc-coated, and prime commercial quality steel. All such construction materials shall be fire-resistant.

• Outside body panels below floor line shall be no less than 16- gauge steel.

14. DOORS:

• Service doors shall be manually operated, outward opening under control of driver and equipped with a safety latch so designed to prevent accidental openings.

• Door shall seal against a stationery rubber and bottom step edge
.
• All door hinges to be grease-able type or have nylon bushings.

• Interior mounted manual door releases must be provided. The interior emergency release handle shall be mounted within 48” of the floor.

• Protective header pad shall be provided above door opening and be the same color and material as the seats.

• Driver side door.
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15. ELECTRICAL PROTECTION

• Primary circuit protection shall be provided by a “Maxifuse Block” or equivalent designed to eliminate fused links.

• A secondary circuit breaker block shall be conveniently mounted on dash with access door; breakers shall be two blade type that automatically re-set after circuit interruption. All chassis wiring shall be color-coded, continuously numbered wiring.

• All body wiring to be color coded wiring harnesses to be preformed to minimize installation stress; wire splicing accomplished by sonic welding and/or utilizing heat shrink tubing with hot melt adhesive inside to protect against corrosion. Triple sealed, “Metri-pak” connectors with positive lock are required wherever external wiring connections are made for ease of service

16. EMERGENCY EXITS:

• Emergency door shall be located in center of rear end of bus.

• A red light shall be installed above the emergency exit door in interior of bus and be on whenever engine is on.

• Protective header pad shall be provided above door opening and be the same color and material as the seats.

• Roof hatch(s) with interior and exterior release handles shall be provided. Hatch shall be one-piece solid cover design without vent.

• Provide one (1) emergency push out windows on the right side and one (1) on the left side.

• Seat backs or barriers shall not be located in such manner to restrict the use of the windows in an emergency.

• All emergency exits shall be equipped with an audible buzzer that will sound when latch is moved toward open position.

• All emergency exits shall be outlined with yellow reflective tape on exterior of the bus.

• All emergency exits shall conform to Federal Motor Vehicle Safety Standards 217.

17. ENGINE:

• Diesel powered electronically controlled engine meeting all emission requirements in affect at the time of manufacturer.

• Engine horsepower, torque, and displacement required to maintain 55 mph at a grade of 2%, (Grade ability 2 %.)

Engine Fast Idle Switch:

• Provide a fast idle switch with a dash mounted light to indicate that fast idle is on.

• Fast idle shall not occur unless the transmission is in park, or neutral and the parking brake is set.

Engine Shutdown System

• System will monitor oil pressure, engine coolant, and engine temperature.

• A fault condition causes an audible alarm to sound and warning light to illuminate.

• System shall allow operator to move the vehicle to safety.

Exhaust System:

• Single muffler. Manufacturer's standard equipped with any and all emission control devices as required by the EPA.

• The end of tail pipe shall extend flush with rear bumper.

• When tire size specified extends beyond the body, the wheel areas shall be covered with a rubber fender extension around the complete wheel housing.

• Mud flaps shall be provided behind each wheel and extend down approximately 9" from the ground.

18. FIRE EXTINGUISHER:

• One 5lb. ABC type fire extinguisher to meet D.C. standards.
• The Division of Transportation shall select mounting location at time of pilot model inspection.

19. FIRST AID KIT:

• First aid kit shall be a metal type kit 24 unit...

• First aid kit must be mounted in a manner that allows easy removal from bracket when needed.

• The Division of Transportation shall select mounting location at time of pilot model inspection.

20. FLOORING AND FLOOR COVERING:

• Floor covering shall be black slip resistant rubberized material.

• Aisles and steps shall be covered with a ribbed rubberized slip resistant material.

• Floor covering shall be one continuous piece from front to rear. Splicing in floor covering shall not be acceptable.

• If track seating requires plywood sub-floor, plywood shall be of marine grade quality.

21. FRAME:
• Frame shall conform to Federal Specifications for Type “A” school buses.

22. FUEL CAP:

• Fuel cap shall be attached to tank with chain or other device that prevents loss of cap.

• Fuel Filler shall be marked: ”Diesel Fuel Only”.

23. FUEL FILTERS:

• Dual fuel filters shall be provided. Water separator shall be separate or in conjunction with one of the fuel filters. and fuel
• Replaceable type filter required.

24. FUEL TANK:

• Fuel tank shall be manufacturers standard with a minimum 30 gallon capacity.

• Fuel tank shall meet all requirements of the Federal Motor Vehicle Safety Standard 301.

• A fuel tank inspection plate shall be provided to allow access for fuel gauge sending unit replacement.

25. FUSES:
• Shall provide three road flare fuses, wire support type, in a container.

• The Division of Transportation shall select mounting location at time of pilot model inspection.

26. GLOBAL POSITIONING SYSTEM (GPS):

• Each vehicle shall be pre-wired for installation of a GPS system. The GPS system requires the following:
• One wire that's 12 volts constant.
• One wire that's 12 volts with key on.
• One ground wire.

27. HANDRAILS:

• Handrails are to be installed on both sides of the front entrance going up the steps of the bus.

28. HEATERS/DEFROSTERS:

• Two heaters to be provided, one (1) front and one (1) rear.

• Heaters to have the following minimum BTU ratings/features:

• Front heater: 50,000 BTU Manufacturers standard in dash heater. Rear heater: 50,000 BTU.

• Driver's heater to provide selection option for fresh air, recirculating air, or combination.

• Rear heater to be located in extreme right rear corner (behind lift gate if so equipped.)

• An electric booster pump shall be provided to improve hot water circulation.

• Defrosters shall be of sufficient capacity to keep windshield clear of fog, ice, and snow.

• Two lever-ball cutoff valves shall be located in the engine compartment to shut off water flow to passenger compartment.

• Defroster channel openings shall be to manufacturer's standard

• All hot water lines inside the passenger compartment shall be made of rubber in one continuous piece.

• All plumbing for heaters will be enclosed in aluminized steel protective housings.

• All rubber plumbing in driver's compartment to be protected with flexible rust resistant tubing.

• Shall provide dash mounted water shut-off device convenient for driver to turn off water inside bus.

• All heaters shall be equipped with air filters, to provide easy access for cleaning.

29. IGNITION/KEYS:

• Manufacturer shall furnish their standard key code.

• Ignition switch shall be equipped with automatic engine shutdown system

• Manufacturer shall provide two (2) sets of ignition keys per bus.

30. INSTRUMENT/PANEL:

• Instrumentation on or near dash shall include:

• Speedometer/odometer

• Voltmeter

• Oil pressure gauge

• Engine hour meter

• High water temperature warning light

• Low oil pressure warning light

• Water temperature gauge

• Fuel level gauge

• Headlight high beam indicator

• Self canceling directional signals

• Emergency escape audible alarm

• Ignition switch

• Instruments shall be easily accessible for maintenance and repair and mounted in such a way that each is clearly visible to the driver while in normal seated position.

31. INTERIOR:

• Interior of bus shall be free of all unnecessary projections likely to cause injury.

• All interior panels to have hemmed edges.

• Interior side panels shall be aluminized steel extending from lower edge of window to seat mounting rail.

Interior Height:

• Minimum interior body height from floor to center of roof shall be between 72” and 78”.

License Plates:
• Shall have front and rear brackets or mounting area.

32. LIGHTS AND SIGNALS:

• All body mounted light and reflector rims shall be made of dura-mold plastic.

• Headlights: Shall be equipped with daytime running light design. Daytime running lights shall only be illuminated when the ignition switch is in the “On” position and not in the Accessory” position.

Cluster: 3 amber lights with protective shields.

MARKER: 2 FRONT COVERS WITH PROTECTIVE SHIELDS.

Directional: rectangular amber to be mounted on fenders.

Rear:
• Stop Tail: 1 right rear, 1 left rear 7”.

• Stop Tail: 1 right rear, 1 left rear 4”.
• Directional: 1 right, 1 left 7” amber lens.
• Back-up: two 4” with clear lens.

Sides:

• Directional: One amber located right side behind service door and one l located left side similar position with protective shields.

Interior:
• Step Well: 1 minimum, operating whenever service door is opened.

•Dome: 6 minimum, 3 rows of 2 for passenger area... One individually switched for driver.

Engine Compartment:
• One light to illuminate engine compartment providing light to engine oil dipstick activated with parking lights.

Reflectors:
• Three (3) on each side of bus, (front, center, and rear) 2 on rear of bus.

ROOF STROBE LIGHT
• One roof mounted white strobe light four (4) inches high by five (5) inches .Strobe light shall be

• Center mounted, one (1) foot toward the rear of the bus behind the rear roof hatch exit. Guards shall be provided to protect strobe light on top of bus.

• Strobe light shall have a manual switch with pilot light to indicate light is on and shall be located in driver compartment.

33. SCHOOL BUS LIGHT WARNING SYSTEM

•School bus alternating flashing eight light warning systems shall be provided to meet the latest Federal requirements FMVSS requirements. Alternately flashing red lights shall be equipped with synchronized flashing red LED strobe lights.

Warning Light Control
• The flasher control unit for the warning lights shall be a solid state type. The control switches will operate according to Federal requirements.

34. MIRRORS:

• All mirrors shall conform to FMVSS Standard III requirements and be mounted with brackets and hardware.

Interior Mirror:

. Shall have safety plate 6” x 30” minimum designed to minimize glare and to afford good view to the rear.

• Mirror shall be metal backed with rounded corners and protected edges.

Exterior Mirrors:

• All exterior mirrors, except the “tiger eye” type mirrors, shall be electrically heated, with remote electric control labeled switch.

• Mirror configuration with one flat mirror mounted above one convex mirror on each side.

• Mirrors will not extend beyond the body of the bus more than 110” measured from outside edge to outside edge of the left and right side mirrors.

• Provide Tiger-Eye type crossover mirror on each front corner of bus fender.

• Provide rear window wide angle lens made by 3M Company or equal. (To allow driver a good view area directly behind the bus.)

35. NOISE REDUCTION PACKAGE:

• Provide sound package throughout the entire passenger compartment that will meet or exceed the 83 DBA sound limit.

• Package shall include, but not be limited to, complete acoustic headliner with fiberglass insulation, firewall insulation, rubber steps and floor cover.

•Must include firewall, transmission cover, black rubber mat with 50 oz. felt backing in driver’s area and toe-board insulation.

36. RADIO:

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• AM/FM radio with minimum of two (2) interior speakers.
• Rear Window Wide Angle Prism:

37. SAFETY DEVICES:

• All exterior safety devices are to be mounted with stainless steel fasteners and meet FMVSS requirements.

• Provide one front and left-side mounted octagon shaped, stop arm

• Stop arm shall include two (2) flashing strobe lights on each arm that will be activated with the red warning lights.

• Provide post-trip inspection (child checkmate) device which sounds alarm in driver's area upon shut-down of vehicle. Device can only be deactivated by depressing button located at rearmost interior panel above rear window. (Device ensures drivers perform post-trip inspection of passenger compartment.) When alarm sounds, a light shall be illuminated and located next to a warning label in the driver's compartment that reads, "PERFORM POST -TRIP INSPECTION, DISABLE ALARM AT REAR OF BUS.

• Provide front safety crossing arm painted yellow.

38. SEATS/SEATING ARRANGEMENT - SEATING DIAGRAM REQUIRED:

• Passenger Seats: Minimum of 22 seated passenger Type "A" (.There shall be 5 rows of 39" seats and 4 rows of 30" seats configured as 4 rows, each with one 39" seat and one 30" seat (3/2 seating) and the last row with only a 39" seat. All seats shall conform to Federal requirements for 28" high back seats suitable for Type "A2" School Buses.

39. SEAT/SEATBELT:

•. Drivers Seat (Driver's seat must be compatible with the design of the bus.):

• Adjustable four (4) ways seat with 275 pounds minimum weight capacity.

• Seat to be high back seat.

• Provide lumbar support adjustment.

• All seat materials to be heavy duty and meet current standards for fire block.

• Color to be standard black.

• A combination shoulder strap and seat belt with adjustable pillar-loop

retractors and boot or sheath shall be provided for the driver.

- Belts shall comply with current specifications and recommended practices of Society of Automotive Engineers except that the belt shall be fastened to bus floor immediately behind driver seat when seat is adjusted to its rearmost position.

- Shoulder strap and seat belt shall have retractors and boot or protective cover.

40. SHOCK ABSORBERS:

- Heavy-duty type front and rear.

41. SIGNAGE:

- All lettering shall be in black letters except where noted below.

- The words DISTRICT OF COLUMBIA PUBLIC SCHOOLS shall be placed immediately below window line on both sides of bus in 6” lettering, 1” stroke.

- SCHOOL BUS shall be placed on the front and rear as required with a reflective background.

- STOP ON SIGNAL shall be placed on the bottom of the rear emergency door

- NO STANDING IN FRONT OF WHITE LINE sign shall be in front center of bus.

- Numbers (“BE XXXX*”) shall be placed as follow. Specific numbers will be provided by OSSE-DOT upon award

- Right Side: top front corner, top rear corner, below window line next to service door, rear corner below window line.

- Left Side: top front corner, top rear corner, side below driver’s window, rear corner below window line.

- Front: left side front bumper (yellow numbers).
- Rear: right corner

- Inside: above front windshield.

- All emergency exits shall be marked according to Federal and State

Requirements

• The rear corners, top and bottom of the back of the bus shall be outlined in yellow reflective tape.

42. SNOW RAIL:
• Snow rail shall be installed full length of body skirt and painted black.

43. STEERING WHEEL:

• Shall be mounted on tilt column. Shall be covered with a padded-material other than hard plastic.

44. STEPS:
• Step Well: Three (3) or four (4) step entrance covered with black or gray slip resistant ribbed rubber with white nosing.

• Step Wells shall be constructed of rust resistant material.

45. SUN VISOR:
• Adjustable type plastic sun visor, 6” x 30”, shall be provided over driver’s side of windshield.

46. TIRES AND WHEELS:
• All tires to be 14-ply low profile steel radial 225/75R x 16E.
• All wheels shall be stud or hub piloted.
• All season tread premium quality tires.

47. TRANSMISSION:
• Automatic electronic 4 speed w/overdrive transmission. Transmission must be compatible with engine offered.

48. UNDERCOATING:
• Entire underbody to be completely factory undercoated with Tectyle wax base undercoating material or equal, excluding front fenders and fiberglass hood.

49. VENTILATION:
• One static type non-closing exhaust ventilator shall be included as integral part of roof and be mounted in the center of the roof above the driver area and service door.

• Heaters in driver’s area will provide optional fresh air/recirculating positions.

50. WINDSHIELD WIPERS AND WASHERS:

• There shall be two (2) heavy-duty positive actions, 2-speed electric operated wipers and washers.

• Wipers shall have individual control.
• Intermittent wiper control also required.

51. WIRING:

• No body accessory can be operated when ignition switch is off except post trip warning device, lift and light in lift area (if a lift is installed)...

• All wiring must be color coded and numbered.

• Wiring diagrams shall be affixed to electrical compartments accurately indicating the position of all relays, breakers, buzzers, fuses, etc.

52. WINDOWS:

• All full size passenger windows shall be aluminum framed split sash.

• All passenger window glass to be tinted to 28% light transmission.

53. WARRANTY

A. CHASSIS:

Full warranty coverage for the entire rolling chassis to include, but not limited to, the motor, transmission, electrical, brakes and related parts and components shall be the manufacturer's standard warranty that is offered during the model year of the chassis provided and shall be no less than that warranty offered to the general public. This warranty shall be at a minimum 36 months or 36,000 miles whichever comes first and shall include all parts and labor necessary to repair or replace any defective parts and/or equipment provided with the motor vehicle rolling chassis.

B. SCHOOL BUS BODY:

Full warranty coverage for the school bus body and all related parts and components including, but not limited to, any additional mechanical items installed, and all electrical wiring installed by the bus body company shall be the manufacture's standard warranty that is offered during the model year of the school bus body provided and shall include all parts and labor necessary to repair and/or replace defective parts and/or equipment. This warranty shall be at a minimum 36 months or 36,000 miles which ever comes first.

54. WHEEL CHAIR BUS SPECIFICATIONS:

All wheel chair buses shall meet all the requirements-specifications as stated previously in this document.

- All wheel chair components shall meet Federal Standards for school bus usage.

- Service door for the wheel chair shall be located on the right side rear of the bus body, and shall be a single door type.

- The wheel chair door shall be 42” inches wide and 59” high.

- Power supply shall be electric with manual hydraulic pump back-up system.

- Power lift unit shall be controlled from removable control box and hung from the lift door. It shall be capable of being operated from inside or outside the bus.

- Safety device shall be installed to prevent operation of lift when the lift door is closed.

- Lift platform shall be equipped with automatic handrails.

- Lift shall be equipped with safety belt.

- Safety INTERLOCK SYSTEM shall prevent bus from moving when door and lift are not stored and closed.

- Wheel chair straps will be automatic one hand operated type.

Floor:

- Floor in wheel chair buses shall be flat (no wheel housings) and shall be equipped with track seating which will allow for the easy removal of seats to accommodate additional wheel chair positions.

Seats:

- Original configuration shall provide for 12 passengers and two wheelchair positions.

- Wheelchair Units - Recessed Button track system shall be provided on both sides of the full length of the interior.

• Wheelchair Units - Button track system shall be capable of accommodating a 2/2 or a 3/3 seating arrangement and have two floor tracks on each side. The system shall also accommodate seats and four-point wheelchair lockdowns.

• Wheelchair Units - A similar-button type track shall be provided above the windows for shoulder belts.

• Each seat, except those adjacent to emergency exits, shall be equipped with the maximum number of child safety seat latch system eyelets allowed for each seat size.

• Passenger seat frames shall be FMVSS safety seats designed for installation of seat belts.

• Lower front barrier on both sides of the aisle to include kick panel.

• Offerors shall submit a floor plan along with their proposal.

• Color to be standard gray

• A storage pouch attached to the left front seat barrier approximately 16” x 16” capable of storing approximately 41/2” of papers or notebook type materials shall be affixed to barrier immediately behind driver’s seat.

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REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Shirley F. Ebbesen Director — Division of Wage Determinations	Wage Determination No.: 2005-2103 Revision No.: 10 Date Of Revision: 06/15/2010

States: District of Columbia, Maryland, Virginia

Area: District of Columbia Statewide
Maryland Counties of Calvert, Charles, Frederick, Montgomery, Prince George's, St Mary's
Virginia Counties of Alexandria, Arlington, Fairfax, Falls Church, Fauquier, King George, Loudoun, Prince William, Stafford

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		15.08
01012 - Accounting Clerk II		16.92
01013 - Accounting Clerk III		22.30
01020 - Administrative Assistant		31.41
01040 - Court Reporter		21.84
01051 - Data Entry Operator I		14.38
01052 - Data Entry Operator II		15.69
01060 - Dispatcher, Motor Vehicle		17.87
01070 - Document Preparation Clerk		14.21
01090 - Duplicating Machine Operator		14.21
01111 - General Clerk I		14.88
01112 - General Clerk II		16.24
01113 - General Clerk III		18.74
01120 - Housing Referral Assistant		25.29
01141 - Messenger Courier		13.62
01191 - Order Clerk I		15.12
01192 - Order Clerk II		16.50
01261 - Personnel Assistant (Employment) I		18.15
01262 - Personnel Assistant (Employment) II		20.32
01263 - Personnel Assistant (Employment) III		22.65
01270 - Production Control Clerk		22.03
01280 - Receptionist		14.43
01290 - Rental Clerk		16.55
01300 - Scheduler, Maintenance		18.07
01311 - Secretary I		18.07
01312 - Secretary II		20.18
01313 - Secretary III		25.29
01320 - Service Order Dispatcher		16.98
01410 - Supply Technician		28.55
01420 - Survey Worker		20.03
01531 - Travel Clerk I		13.29
01532 - Travel Clerk II		14.36
01533 - Travel Clerk III		15.49
01611 - Word Processor I		15.63
01612 - Word Processor II		17.67
01613 - Word Processor III		19.95
05000 - Automotive Service Occupations		
05005 - Automobile Body Repairer, Fiberglass		25.26
05010 - Automotive Electrician		23.51

05040 - Automotive Glass Installer	22.15
05070 - Automotive Worker	22.15
05110 - Mobile Equipment Servicer	19.04
05130 - Motor Equipment Metal Mechanic	24.78
05160 - Motor Equipment Metal Worker	22.15
05190 - Motor Vehicle Mechanic	24.78
05220 - Motor Vehicle Mechanic Helper	18.49
05250 - Motor Vehicle Upholstery Worker	21.63
05280 - Motor Vehicle Wrecker	22.15
05310 - Painter, Automotive	23.51
05340 - Radiator Repair Specialist	22.15
05370 - Tire Repairer	14.44
05400 - Transmission Repair Specialist	24.78
07000 - Food Preparation And Service Occupations	
07010 - Baker	13.85
07041 - Cook I	12.55
07042 - Cook II	14.60
07070 - Dishwasher	10.11
07130 - Food Service Worker	10.66
07210 - Meat Cutter	18.08
07260 - Waiter/Waitress	9.70
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	19.86
09040 - Furniture Handler	14.06
09080 - Furniture Refinisher	20.23
09090 - Furniture Refinisher Helper	15.52
09110 - Furniture Repairer, Minor	17.94
09130 - Upholsterer	19.86
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	10.54
11060 - Elevator Operator	10.54
11090 - Gardener	17.52
11122 - Housekeeping Aide	11.83
11150 - Janitor	11.83
11210 - Laborer, Grounds Maintenance	13.07
11240 - Maid or Houseman	11.26
11260 - Pruner	11.58
11270 - Tractor Operator	16.04
11330 - Trail Maintenance Worker	13.07
11360 - Window Cleaner	12.85
12000 - Health Occupations	
12010 - Ambulance Driver	20.41
12011 - Breath Alcohol Technician	20.27
12012 - Certified Occupational Therapist Assistant	23.11
12015 - Certified Physical Therapist Assistant	21.43
12020 - Dental Assistant	17.18
12025 - Dental Hygienist	44.75
12030 - EKG Technician	27.67
12035 - Electroneurodiagnostic Technologist	27.67
12040 - Emergency Medical Technician	20.41
12071 - Licensed Practical Nurse I	19.07
12072 - Licensed Practical Nurse II	21.35
12073 - Licensed Practical Nurse III	24.13
12100 - Medical Assistant	15.01
12130 - Medical Laboratory Technician	18.04
12160 - Medical Record Clerk	17.42
12190 - Medical Record Technician	19.50
12195 - Medical Transcriptionist	18.77
12210 - Nuclear Medicine Technologist	37.60
12221 - Nursing Assistant I	10.80
12222 - Nursing Assistant II	12.14
12223 - Nursing Assistant III	13.98
12224 - Nursing Assistant IV	15.69

12235 - Optical Dispenser		20.17
12236 - Optical Technician		15.80
12250 - Pharmacy Technician		18.12
12280 - Phlebotomist		15.69
12305 - Radiologic Technologist		31.11
12311 - Registered Nurse I		27.64
12312 - Registered Nurse II		33.44
12313 - Registered Nurse II, Specialist		33.44
12314 - Registered Nurse III		40.13
12315 - Registered Nurse III, Anesthetist		40.13
12316 - Registered Nurse IV		48.10
12317 - Scheduler (Drug and Alcohol Testing)		21.73
13000 - Information And Arts Occupations		
13011 - Exhibits Specialist I		19.86
13012 - Exhibits Specialist II		24.61
13013 - Exhibits Specialist III		30.09
13041 - Illustrator I		20.48
13042 - Illustrator II		25.38
13043 - Illustrator III		31.03
13047 - Librarian		33.88
13050 - Library Aide/Clerk		14.21
13054 - Library Information Technology Systems Administrator		30.60
13058 - Library Technician		19.89
13061 - Media Specialist I		18.73
13062 - Media Specialist II		20.95
13063 - Media Specialist III		23.36
13071 - Photographer I		16.65
13072 - Photographer II		18.90
13073 - Photographer III		23.67
13074 - Photographer IV		28.65
13075 - Photographer V		33.76
13110 - Video Teleconference Technician		20.39
14000 - Information Technology Occupations		
14041 - Computer Operator I		18.92
14042 - Computer Operator II		21.18
14043 - Computer Operator III		23.60
14044 - Computer Operator IV		26.22
14045 - Computer Operator V		29.05
14071 - Computer Programmer I	(see 1)	26.36
14072 - Computer Programmer II	(see 1)	
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		18.92
14160 - Personal Computer Support Technician		26.22
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		36.47
15020 - Aircrew Training Devices Instructor (Rated)		44.06
15030 - Air Crew Training Devices Instructor (Pilot)		52.81
15050 - Computer Based Training Specialist / Instructor		36.47
15060 - Educational Technologist		35.31
15070 - Flight Instructor (Pilot)		52.81
15080 - Graphic Artist		26.80
15090 - Technical Instructor		25.08
15095 - Technical Instructor/Course Developer		30.67
15110 - Test Proctor		20.20
15120 - Tutor		20.20
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler		9.88
16030 - Counter Attendant		9.88

16040 - Dry Cleaner	12.94
16070 - Finisher, Flatwork, Machine	9.88
16090 - Presser, Hand	9.88
16110 - Presser, Machine, Drycleaning	9.88
16130 - Presser, Machine, Shirts	9.88
16160 - Presser, Machine, Wearing Apparel, Laundry	9.88
16190 - Sewing Machine Operator	13.78
16220 - Tailor	14.66
16250 - Washer, Machine	10.88
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	21.14
19040 - Tool And Die Maker	23.38
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	18.02
21030 - Material Coordinator	22.03
21040 - Material Expediter	22.03
21050 - Material Handling Laborer	13.83
21071 - Order Filler	15.09
21080 - Production Line Worker (Food Processing)	18.02
21110 - Shipping Packer	15.09
21130 - Shipping/Receiving Clerk	15.09
21140 - Store Worker I	11.72
21150 - Stock Clerk	16.86
21210 - Tools And Parts Attendant	18.02
21410 - Warehouse Specialist	18.02
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	27.21
23021 - Aircraft Mechanic I	25.83
23022 - Aircraft Mechanic II	27.21
23023 - Aircraft Mechanic III	28.53
23040 - Aircraft Mechanic Helper	17.54
23050 - Aircraft, Painter	24.73
23060 - Aircraft Servicer	19.76
23080 - Aircraft Worker	21.01
23110 - Appliance Mechanic	21.75
23120 - Bicycle Repairer	14.43
23125 - Cable Splicer	26.02
23130 - Carpenter, Maintenance	21.40
23140 - Carpet Layer	20.49
23160 - Electrician, Maintenance	27.98
23181 - Electronics Technician Maintenance I	24.94
23182 - Electronics Technician Maintenance II	26.47
23183 - Electronics Technician Maintenance III	27.89
23260 - Fabric Worker	19.13
23290 - Fire Alarm System Mechanic	22.91
23310 - Fire Extinguisher Repairer	17.62
23311 - Fuel Distribution System Mechanic	22.81
23312 - Fuel Distribution System Operator	19.38
23370 - General Maintenance Worker	21.43
23380 - Ground Support Equipment Mechanic	25.83
23381 - Ground Support Equipment Servicer	19.76
23382 - Ground Support Equipment Worker	21.01
23391 - Gunsmith I	17.62
23392 - Gunsmith II	20.49
23393 - Gunsmith III	22.91
23410 - Heating, Ventilation And Air-Conditioning Mechanic	23.89
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	25.17
23430 - Heavy Equipment Mechanic	22.91
23440 - Heavy Equipment Operator	22.91
23460 - Instrument Mechanic	22.59
23465 - Laboratory/Shelter Mechanic	21.75

23470 - Laborer	14.98
23510 - Locksmith	21.90
23530 - Machinery Maintenance Mechanic	23.12
23550 - Machinist, Maintenance	22.91
23580 - Maintenance Trades Helper	18.27
23591 - Metrology Technician I	22.59
23592 - Metrology Technician II	23.80
23593 - Metrology Technician III	24.96
23640 - Millwright	28.19
23710 - Office Appliance Repairer	22.96
23760 - Painter, Maintenance	21.75
23790 - Pipefitter, Maintenance	24.63
23810 - Plumber, Maintenance	22.29
23820 - Pneudraulic Systems Mechanic	22.91
23850 - Rigger	22.91
23870 - Scale Mechanic	20.49
23890 - Sheet-Metal Worker, Maintenance	22.91
23910 - Small Engine Mechanic	20.49
23931 - Telecommunications Mechanic I	29.95
23932 - Telecommunications Mechanic II	31.55
23950 - Telephone Lineman	27.41
23960 - Welder, Combination, Maintenance	22.91
23965 - Well Driller	22.91
23970 - Woodcraft Worker	22.91
23980 - Woodworker	17.62
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	12.79
24580 - Child Care Center Clerk	17.77
24610 - Chore Aide	10.57
24620 - Family Readiness And Support Services Coordinator	16.90
24630 - Homemaker	18.43
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	27.30
25040 - Sewage Plant Operator	20.84
25070 - Stationary Engineer	27.30
25190 - Ventilation Equipment Tender	19.49
25210 - Water Treatment Plant Operator	20.84
27000 - Protective Service Occupations	
27004 - Alarm Monitor	20.57
27007 - Baggage Inspector	12.71
27008 - Corrections Officer	22.80
27010 - Court Security Officer	24.72
27030 - Detection Dog Handler	20.57
27040 - Detention Officer	22.80
27070 - Firefighter	24.63
27101 - Guard I	12.71
27102 - Guard II	20.57
27131 - Police Officer I	26.52
27132 - Police Officer II	29.67
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	13.59
28042 - Carnival Equipment Repairer	14.63
28043 - Carnival Equpment Worker	9.24
28210 - Gate Attendant/Gate Tender	13.01
28310 - Lifeguard	11.59
28350 - Park Attendant (Aide)	14.56
28510 - Recreation Aide/Health Facility Attendant	10.62
28515 - Recreation Specialist	18.04
28630 - Sports Official	11.59
28690 - Swimming Pool Operator	18.21
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	23.13

29020 - Hatch Tender		23.13
29030 - Line Handler		23.13
29041 - Stevedore I		21.31
29042 - Stevedore II		24.24
30000 - Technical Occupations		
30010 - Air Traffic Control Specialist, Center (HFO)	(see 2)	39.92
30011 - Air Traffic Control Specialist, Station (HFO)	(see 2)	26.84
30012 - Air Traffic Control Specialist, Terminal (HFO)	(see 2)	29.56
30021 - Archeological Technician I		20.19
30022 - Archeological Technician II		22.60
30023 - Archeological Technician III		27.98
30030 - Cartographic Technician		27.98
30040 - Civil Engineering Technician		26.41
30061 - Drafter/CAD Operator I		20.19
30062 - Drafter/CAD Operator II		22.60
30063 - Drafter/CAD Operator III		25.19
30064 - Drafter/CAD Operator IV		31.00
30081 - Engineering Technician I		22.92
30082 - Engineering Technician II		25.72
30083 - Engineering Technician III		28.79
30084 - Engineering Technician IV		35.64
30085 - Engineering Technician V		43.61
30086 - Engineering Technician VI		52.76
30090 - Environmental Technician		27.41
30210 - Laboratory Technician		23.38
30240 - Mathematical Technician		28.94
30361 - Paralegal/Legal Assistant I		21.36
30362 - Paralegal/Legal Assistant II		26.47
30363 - Paralegal/Legal Assistant III		32.36
30364 - Paralegal/Legal Assistant IV		39.16
30390 - Photo-Optics Technician		27.98
30461 - Technical Writer I		21.93
30462 - Technical Writer II		26.84
30463 - Technical Writer III		32.47
30491 - Unexploded Ordnance (UXO) Technician I		24.74
30492 - Unexploded Ordnance (UXO) Technician II		29.93
30493 - Unexploded Ordnance (UXO) Technician III		35.88
30494 - Unexploded (UXO) Safety Escort		24.74
30495 - Unexploded (UXO) Sweep Personnel		24.74
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2)	25.19
30621 - Weather Observer, Senior	(see 2)	27.98
31000 - Transportation/Mobile Equipment Operation Occupations		
31020 - Bus Aide		14.32
31030 - Bus Driver		20.85
31043 - Driver Courier		13.98
31260 - Parking and Lot Attendant		10.07
31290 - Shuttle Bus Driver		15.66
31310 - Taxi Driver		13.98
31361 - Truckdriver, Light		15.66
31362 - Truckdriver, Medium		17.90
31363 - Truckdriver, Heavy		19.18
31364 - Truckdriver, Tractor-Trailer		19.18
99000 - Miscellaneous Occupations		
99030 - Cashier		10.03
99050 - Desk Clerk		11.58
99095 - Embalmer		23.05
99251 - Laboratory Animal Caretaker I		11.30
99252 - Laboratory Animal Caretaker II		12.35
99310 - Mortician		31.73
99410 - Pest Controller		17.69
99510 - Photofinishing Worker		13.20
99710 - Recycling Laborer		18.50

99711 - Recycling Specialist	22.71
99730 - Refuse Collector	16.40
99810 - Sales Clerk	12.09
99820 - School Crossing Guard	13.43
99830 - Survey Party Chief	21.94
99831 - Surveying Aide	13.63
99832 - Surveying Technician	20.85
99840 - Vending Machine Attendant	14.43
99841 - Vending Machine Repairer	18.73
99842 - Vending Machine Repairer Helper	14.43

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: $3.50 per hour or $140.00 per week or $606.67 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than $27.63 (or on a salary or fee basis at a rate not less than $455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541. 400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds $27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and

related to user or system design specifications;
(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.
Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.35 per week (or $.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at http://www.dol.gov/esa/whd/ or through the Wage Determinations On-Line (WDOL) Web site at http://wdol.gov/.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination.

Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.