

Exhibit A – Table of Technical Services
Master Partnership Contract Program FY 2023-2027

Source Code	Title	Description
1735	Bituminous Plant Inspection	Performing QA/QC physical testing at the plant; sampling and transporting of materials from the plant to the lab for lab testing, plant reviews, and operations; investigating plant discrepancies; and other technical services in the plant or office associated with bituminous plant inspection.
2830	Bridge Bearing Assemblies	All tasks related to the repair and maintenance of fixed or expansion-bearing assemblies on bridges. Includes related traffic
2819	Bridge Curb, Walk And Railing	Repairing and maintaining bridge curb, walk, rail, coping, and fencing connected to the rail. Includes glare screen and median barriers on bridges. Includes related traffic control.
2820	Bridge Deck	Work associated with bridge deck and slab repair regardless of removal depth or type of material used for patching. Includes deck or slab overlays and replacements and underside deck delamination. Includes related traffic control.
2838	Bridge Deck Crack Sealing	All tasks related to deck crack sealing. Includes related traffic control.
2827	Bridge Expansion, Relief Joints	All maintenance tasks associated with bridge expansion joints, except joint reestablishment. Includes tightening expansion device bolts and replacing seal glands. Includes related traffic control.
2855	Bridge Inspection Direct Support	Activities that support bridge inspection, but are not direct production (i.e., leadership, technical, administrative assistance.
2828	Bridge Inspection-Federal Fund	All bridge inspection tasks for non-MnDOT bridges funded by the federal Fracture-Critical Bridge Program (Project Code will begin with TSL and with the local bridge number). Includes related inspection reports. For MnDOT Trunk Highway bridges (Project Code begins with TSO followed by the bridge number) and local and Department of Natural Resources (DNR) (bridge number begins with 9A follow by bridge number) bridge inspections to be billed to the local government or Department of Natural Resources (DNR) use Source Code 2824.
2824	Bridge Inspection-Non-Federal	All tasks related to inventory, inspection, and load capacity rating work done on trunk highway bridges to meet the requirements of the National Bridge Inspection System and/or Minnesota Bridge Safety Inspection Program or for billing to local governments. Includes related inspection reports and deck condition surveys.
1421	Bridge Management System Operation/Administration/Data	Use for tasks related to the Bridge Management System, including operations, administration, or data entry.
2847	Bridge Poured/ Relief Joint Seal	All tasks associated with resealing bridge construction joints. Includes related traffic control. Related source type codes: Activities that support bridge inspection, but are not direct production (i.e., leadership, technical, administrative assistance).
2829	Bridge Superstructure	All tasks to repair any bridge component above the bridge seat that is not included in other source codes. Includes repairs to all types of bridge superstructure elements such as girders, beams, floor beams, trusses, stringers, t-beams, precast channels, and box girders. Includes related traffic control.
2316	Brush & Tree Removal	Maintaining, watering, trimming, and removing highway right of way tree and brush. Includes chipping of tree limbs and stump removal/grinding. Includes related traffic control.
0032	Business Unit Management	All expenses of business/office managers for general management and administration of support functions. includes administering central facilities maintenance and facilities capital budgets.
3000	Class Of Frequency Coordination	Use for frequency coordination done with APCO, AASHTO or FCCA.

Source Code	Title	Description
1733	Concrete Plant Inspections	Performing QA/QC physical testing at the plant; sampling and transporting of materials from the plant to the lab for lab testing, plant reviews, and operations; investigating plant discrepancies; and other technical services in the plant or office associated with stationary concrete plants or mobile concrete paving plant inspection.
1734	Construction Materials Inspections	Performing construction phase material inspection and engineering, for structural steel, precast and pre-stressed concrete, reinforcement steel, and electrical products and related technical services in the field and office for materials to be used in multiple projects. Includes travel time, sampling, and sample delivery. Includes tasks related to reviewing shop drawings furnished by suppliers or fabricators and contractor working drawings or calculations, and for tasks related to structural metals inspection (materials surveys, physical and chemical laboratory testing, material inspection and engineering, and technical services in the field and offices).
1802	Construction Surveying	Use for surveys to provide staking for the contractor's operations and for any other construction phase surveying
2106	Crack Sealing	All surface crack sealing, crack filling, or rout and seal operations. Includes related materials, hauling, stockpiling, and traffic control.
3023	Elec Comm Eq Rep - Miles	
0400	Equipment Calibration-Mat Insp	Use when performing periodic equipment calibration for equipment used in the materials lab or on construction projects.
1800	Field Inspection	All construction project field inspection (not cyclical inspection of assets), including preparatory plans & spec review, measurement, and verification other than environmental monitoring. Includes field inspection of materials such as gradations, densities/DCP, proctors, compaction, slump tests, and field air tests. Witnessing claims, determination and computation of pay quantities, materials control and certification for progress vouchers, but not for final payments. Includes collecting and transporting samples for lab tests, but not the actual laboratory verifications. Includes all construction phase project related activities for project and resident engineers such as problem resolution, guidance and direction to field technicians. Includes all miscellaneous field engineering expenses used by district offices such as space rental, utilities, or other costs charged to the construction project Includes all work associated with evaluation of implementation of intelligent compaction devices to determine if construction contract terms have been met.
1040	Final Design Surveys	All district field and office tasks needed to respond to supplemental "Requests for Survey Data" and add the data to the surveys base map or DTM.
0601	Gen Training Preparation - Delivery	Use for time, materials, and travel expenses when developing or delivering training. includes course preparation, designing materials, and managing training records.
2210	Guardrail-Install/Repair/Maintenance	Install, repair, or maintain low tension cable, plate beams, and end treatments; cable tension adjustments; and reflector replacement. includes related traffic control.
2624	Indirect Expense	Indirect shop expenses and shop equipment. Allocate to mobile equipment.
1871	Lighting Maintenance & Utilities	All work related to installing, maintaining, restoring, or removing highway lighting systems and fixtures. Includes repairing, maintaining, or replacing supports necessary for roadway lighting luminaries. Includes patrol highway lighting, inspect lighting structures, electrical service for highway lighting, re-lamping, pump stations, anti-icing systems, truck roll-over warning systems and electrical repairs. Includes traffic control in support of roadway lighting activities. Use for tasks related to public inquiries/complaints, review utility billings, provide data, and conduct field reviews.

Source Code	Title	Description
1875	Locate One Call	Finding and marking locations of buried conduit, cables, hand holes, loops, etc. in order to maintain or repair the traffic management system, signal systems, or roadway lighting systems.
1732	Material Testing & Inspection	Performing construction phase and research physical and chemical laboratory testing, and related technical services in the districts and central labs, and for performing research and construction phase non-destructive testing materials surveys, and related technical services in the field and offices. Includes detour surveys. Non-destructive tests include, skid resistance and falling weight deflectometer (FWD) testing.
2660	Misc Revenue	Used only by Office of Financial Management for billing and deposit transactions and to record payments to the department for gravel sold to contractors and others.
2822	Miscellaneous Bridge Maintenance	Miscellaneous maintenance tasks performed on a specific bridge or structure not covered by other source codes. Includes work on items such as stairways, drains, fencing, light bases, transient guards, and access doors. Includes transient removal, ordering materials, and picking up equipment. Includes related traffic control.
3049	On Call Electronic Communications Infrastructure Maintenance	To be used by Statewide Radio Communications personnel to record on-call time.
2142	Overhead Sign Panel Maintenance	Work related to the repair and replacement of overhead sign panels, extruded sign panels mounted on I-beams, and overhead sign structures. Includes related cable locates and traffic control. Does not include structural work.
2102	Patching	Related source type codes: 2103-Heavy patching, 2104-Bituminous paving, 2105-Blow patching
1520	Pavement Management System	For tasks related to the operation of the pavement management system, including development and maintenance/technical support. Includes tasks to meet needs external to MnDOT.
2406	Plowing & Material Application	Shoulder to shoulder snow removal operation, winging back, snow blowing drifts, and the application of de-icing chemicals using mobile equipment. Includes changing cutting edges during event and related traffic control.
3005	Radio - Mobile Equipment	Use for the repair and preventative maintenance of all equipment associated with wireless two-way radio communications systems (includes mobile radios, portable radios, base stations, console workstations, recorders, etc.). Non-MnDOT equipment - Must use Project number assigned to requesting agency (State Patrol, DNR, BCA, Fire Marshall). See OSRC Project Code list.
3027	Radio Programming	Creating or modifying radio frequency programs and programming mobile and portable radios. Does not include mobile radios used as fixed base radios as part of the Inter-OP System (Use 3009).
3002	Radio/Electronic Infrastructure	Use for the repair and preventative maintenance of all equipment associated with wireless two-way radio communications systems (includes mobile radios, portable radios, base stations, console workstations, recorders, etc.). Non-MnDOT equipment - Must use Project number assigned to requesting agency; Department of Public Safety (DPS) includes State Patrol (SP) Bureau of Criminal Apprehension (BCA), Fire Marshall); does not include Department of Natural Resources (DNR). See OSRC Project
3007	Radio/Electronic System Engineering	Use for design of microwave, radio and miscellaneous electronic systems.
3009	Radio/Electronic System Upgrade & Installation	Use for the installation and other services needed to provide major system upgrades or improvements to wireless or electronic systems. Use for all work performed to correct or repair deficiencies found in a new installation.
1716	Record Sampling	Used by Materials and Research Section and district materials staff to verify inspector" sampling and testing procedures and checking inspectors' equipment during project construction as required by FHWA. Use when performing field tests on split sample.

Source Code	Title	Description
2222	Sign/Delineation/Marker Repair	Replacing, repairing, and washing signs (including temporary stop signs). Includes re-sequencing intersection signing and repair/replace overhead and extrude signs mounted on I-beams. Includes related cable locates and traffic control.
1182	Soils/Foundation Field/Laboratory Tests	All laboratory testing necessary to provide geotechnical information to complete roadway soils recommendations and approvals for use in the development of Final Design Plans and Special Provisions. Lab work includes R-value, resilient modulus, soil classification, gradation, proctor testing, unconfined compression, consolidation, direct simple shear, direct shear, permeability and triaxial tests.
1879	State Furnished Materials	Use to record labor hours, equipment usage, and material costs to supply state furnished materials to a state road construction project with federal participation.
1738	State Project - Specific Materials Inspection	Performing material inspection and engineering for materials designated for a specific construction project (SP). Generally applies to inspection of such things as structural steel, prestressed concrete items, and most precast concrete items and related technical services in the field and offices when related to a particular SP. Use for SP specific tasks related to performing the review of shop drawings furnished by suppliers or fabricators and contractor working drawings or calculations, and for tasks related to structural metals inspection (materials surveys, physical and chemical laboratory testing, material inspection and engineering and technical services in the field and offices).
1434	Structural Metals Inspection-Non DOT	Reviewing shop drawings furnished by suppliers, fabricators, and contractors (working drawing or calculations), and for tasks related to structural metals inspection (materials surveys, physical and chemical laboratory testing, material inspection and engineering, and technical services in the field and offices) for local agency projects.
2629	Supplies & Small Tools	Shop tools, small equipment, and supplies that cannot be directly charged to a mobile equipment unit.
0152	Support Services	Work that supports general office management, system management such as entering data into SWIFT, PPMS, PUMA and other MnDOT systems, attending staff meetings and other indirect support activities.
1312	Tech Assist-Outside MnDOT	Use when providing technical assistance to an organization external to MnDOT.
3025	Tower/Building Maintenance	Use for all tasks related to the maintenance of a tower building or site. Includes towers, buildings, generators, LP system, fencing, landscaping, grounding, ice bridge, cable management, climbing ladders, card key systems, and HVAC.
1876	Traffic Counting	Use to record labor, equipment usage, and material costs for activities related to traffic counts made for statewide traffic monitoring or traffic operations. Includes all activities related to traffic counting, such as taking requests, assigning priorities, collecting field data, processing data, and developing new techniques for collection.
1501	Traffic Management System (TMS)	Used by traffic operations staff for all tasks that support the RTMC's operations center (or TOCC) providing traveler information, managing incidents and monitoring the FMS. Includes dynamic message sign maintenance, ramp meter maintenance, camera maintenance, and loop detection activities. Includes maintenance activities related to any ITS or TMS device such as RTMC cables, monitor wall, switchers, routers, or modems. Use to record all costs for maintenance activities related to traffic management fiber optics. Use for tasks related to maintaining traffic operations software including minor software enhancements and fixes. Use when providing traffic operations technical assistance external to MnDOT. Use with

Source Code	Title	Description
1513	Traffic Management System (TMS) Integration	For tasks associated with the incorporation of new and existing TMS devices (cameras, loops, DMS, and other ITS devices) into existing infrastructure to ensure proper operation. Use with the Construction/Program Delivery Appropriation.
1500	Traffic Mgt System Maintenance	Used by staff to maintain various Intelligent Transportation System (ITS) devices such as dynamic message signs, ramp meters, cameras, detection, cables, RICWS, video wall monitors, switches, routers or modems. Used to record all costs for maintenance activities related to traffic management fiber optics. Not to be used for Lighting or Traffic Signal maintenance.
1721	Traffic Sign Work Orders	Use for work involved in preparing work orders for traffic signs. Use only with Maintenance Operations appropriation (T790081).
2863	Traffic Signal Inspection	Work related to cyclical structural and electrical inspection and preventive maintenance checks of traffic signal systems/structures. Includes labor, equipment, materials, and traffic control.
1870	Traffic Signal Maintenance	Work related to the structural repair and replacement of traffic signal system structures and all electrical maintenance for traffic signal systems including electrical power, labor, equipment materials, GSOC locates, traffic control and responses to public inquiries.
2834	Waterway Maintenance	All tasks related to waterway maintenance for deck bridges. Includes debris removal, waterway cleanup, channel repair, and channel protection repair that is not part of slope protection. Includes related traffic control.