

**CITY OF OVERLAND PARK
STANDARD BID ITEMS**

CLASS	BID ITEM	UNITS (ENG.)	PRECISION (ENG.)	UNITS (S.I.)	PRECISION (S.I.)	NOTES
000.00	Pre Construction Survey	Ea.	1	Ea.	1	
	Force Account (Set)	Lump Sum	1	Lump Sum	1	
100.00	Clearing and Grubbing	Lump Sum	1	Lump Sum	1	
	Tree Removal	Ea.	1	Ea.	1	Used for removal of trees larger than 12" (unless subsidiary to clearing/grubbing)
	Removal of Existing Structures	Lump Sum	1	Lump Sum	1	
	Unclassified Excavation	Cu. Yd. Lump Sum	1 1	Cu. Meter Lump Sum	1 1	Paid by plan quantity.
	Excavation (Unsuitable)	Cu. Yd.	1	Cu. Meter	1	
	Excavation (Unstable)	Cu. Yd.	1	Cu. Meter	1	
	Class I Excavation	Cu. Yd.	1	Cu. Meter	1	
	Class II Excavation	Cu. Yd.	1	Cu. Meter	1	
	Granular Backfill (*)	Ton Cu. Yd.	1 1.0	Megagram Cu. Meter	1 1.0	(*) Indicates Type i.e. (Wingwalls)
	Embankment (*)	Cu. Yd. Lump Sum	1 1	Cu. Meter Lump Sum	1 1	Quantity excludes Topsoil if topsoil is paid for separately (*) indicates source i.e. (Contractor Furnish) or (Owner Furnish)
	Compaction of Earthwork(*)(**)	Cu. Yd. Lump Sum	1 1	Cu. Meter Lump Sum	1 1	Paid by plan quantity. (*) Indicates Type (**) Indicates Moisture Range i.e. (Type AA)(MR-5)
	Area/Swale Grading	Lump Sum	1	Lump Sum	1	
	Linear Grading	Lin. Ft.	1	Lin. Meter	1	Used for residential street projects
	Subgrade Stabilization	Cu. Yd.	1	Cu. Meter	1	Used for residential street projects
	Environmental Remediation	Lump Sum	1	Lump Sum	1	
200.00	Asphaltic Concrete Surface Course	Ton	1	Megagram	1	
	Asphaltic Concrete Intermediate Course	Ton	1	Megagram	1	
	Double Bituminous Surface Treatment					
	Chip Seal	Sq. Yd.	1	Sq. Meter	1	Needs to be updated to reflect latest spec's
	First Sweeping	Sq. Yd.	1	Sq. Meter	1	
	Second Sweeping	Sq. Yd.	1	Sq. Meter	1	
	Micro Surfacing (*)	Sq. Yd.	1	Sq. Meter	1	(*) indicates type i.e. (Type II) or (Type III)
	Rut Course	Ton	1	Megagram	1	If specified in the contract.
	Cape Seal (*)	Sq. Yd.	1	Sq. Meter	1	(*) indicates type i.e. (Chip Seal)

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	Prime & Seal (*)	Sq. Yd.	1	Sq. Meter	1	(*) indicates type i.e. (CSS-1H Primer)
	TRMSS (Fog Seal)	Gallon	1			
	Public Relations	Lump Sum	1	Lump Sum	1	Used for property owner notification on Microsurfacing and Maintenance projects.
	Milling (*)(**)	Sq. Yd.	1	Sq. Meter		(*) Indicated milling width. (**) Indicates milling depth i.e. (Total Width)(2")
	Special Cleaning of Milled Surfaces	Lump Sum	1	Lump Sum	1	
	Street Sweeping	Lump Sum	1	Lump Sum	1	
	Street Washing	Lane Mile	1.0	Lane Km	1.0	
	Crack Sealing	Lin. Ft.	1	Lin. Meter	1	
	Crack Sealing (Rubberized)	Lin. Ft.	1	Lin. Meter	1	
	Sealing PCCP Joints (*)	Lin. Ft.	1	Lin. Meter	1	(*) Indicates type i.e. (Longitudinal) or (Transverse) Used in sealing joints in existing conc. pvmnt.
	Sealing PCCP Joints (*)	Lin. Ft.	1	Lin. Meter	1	Used in conjunction w/ sealing random cracks in existing concrete pavement.
	12" Fabric Tape (Type 2)	Lin. Ft.	1	Lin. Meter	1	
	Asphalt Patching (*)	Ton	1	Megagram	1	(*) Indicates Type i.e. (Intermediate Course)
	Street Removal	Sq. Yd.	1	Sq. Meter	1	Used in conjunction w/ Asphalt Patching
	Pothole Repair	Sq. Ft.	1	Sq. Meter	1	
	Concrete Patching	Sq. Ft.	1	Sq. Meter	1.0	Used for patching of curb & gutter and inlet tops
	Temporary Surfacing Material (*)	Ton	1	Megagram	1	(*) Indicates Type, asphalt or gravel i.e. (Intermediate Course) or (AB-3 O.P. Modified)
	Aggregate Base Course (OP Special)	Sq. Yd.	1	Sq. Meter	1	
	Aggregate Base (*)	Ton	1	Megagram	1	(*) Indicates Type
		Sq. Yd.	1	Sq. Meter	1	i.e.(AB-3 O.P. Modified)
	Aggregate Shoulder (*)	Ton	1	Megagram	1	(*) Indicates Type
		Sq. Yd.	1	Sq. Meter	1	i.e.(AS-1)
	AB-3 O.P. Modified	Ton	1	Megagram	1	
		Sq. Yd.	1	Sq. Meter	1	

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	Fly Ash	Ton	1	Megagram	1	
	Manipulation for Fly Ash Treated Subgrade	Sq. Yd.	1	Sq. Meter	1	
300.00						
	KCMMB 5K Concrete (*)	Cu. Yd.	1.0	Cu. Meter	1.0	(*) Indicates Item i.e. (R.C.B.)
	KCMMB 5K Concrete (Low Permeability)	Cu. Yd.	1.0	Cu. Meter	1.0	Used for bridge decks
	KCMMB 4K Concrete (*)	Cu. Yd.	1.0	Cu. Meter	1.0	(*) Indicates Item i.e. (ISRW) - Integral Sidewalk Retaining Wall
	Concrete Masonry Coating	Sq. Yd.	1	Sq. Meter	1.0	Colored sealer for retaining walls (not stain)
	Concrete Pavement (* Uniform)(**)	Sq. Yd.	1.0	Sq. Meter	1.0	(*) indicates Thickness (**) indicates Plain. No entry indicates mesh
	Concrete Pavement Patching (*)	Sq. Yd.	1	Sq. Meter	1	(*) indicates Thickness
	Extra Work Saw Cut	Lin Ft.	1	Lin Meter	1	Used for extra saw cut necessary during Concrete Pavement Patching
	Reinforcing Steel (*)(**)	Lb.	10	Kilogram	10	Used only in bridges. All other reinforcing steel is subsidiary to other bid items. (*) indicates grade (**) indicates Epoxy Coated
	Piles (Steel) (*)	Lin Ft.	1	Lin. Meter	1	(*) Indicates Size
	Pre-Drilled Pile Holes	Lin Ft.	1	Lin. Meter	1	
	Cast Steel Pile Points	Each	1	Each	1	
	Drilled Shafts (*) (**)	Lin Ft.	1	Lin. Meter	1	(*) Indicates Size, (**) Cased (if contract documents specify the case method)
	Permanent Casing (*) (Set Price)	Lin Ft.	1	Lin. Meter	1	(*) Indicates Size
	Sonic Test (Drilled Shaft) (Set Price)	Each	1	Each	1	
	Core Hole (Investigative)	Lin Ft.	1	Lin. Meter	1	
	Abutment Strip Drain	Sq. Yd.	1	Sq. Meter	1	
	Bridge Backwall Protection System	Sq. Yd.	1	Sq. Meter	1	
	Prestressed Concrete Beams (*)(**)	Lin. Ft.	1	Lin. Meter	1	(*) Indicates Type (**) Indicates Size
	Foundation Stabilization	Cu. Yd.	1.0	Cu. Meter	1.0	
	Silica Fume Overlay (*)	Sq. Yd.	1	Sq. Meter	1	(*) Indicates Thickness

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	Curb and Gutter, Combined (*)	Lin. Ft.	1	Lin. Meter	1	(*) indicates type i.e. (Type A)
	Curb (*)	Lin Ft.	1	Lin. Meter	1	(*) indicates type i.e. (Type D)
	Curb Replacement (*)	Lin Ft.	1	Lin. Meter	1	(*) indicates type
	Concrete Median Nose	Each	1	Each	1	Bid item Includes adjacent curb
	Concrete Paver Stones	Sq. Ft.	1	Sq. Meter	1.0	
	Concrete Driveway (*)	Sq. Yd.	1	Sq. Meter	1	(*) indicates thickness
	Asphalt Driveway (Intermediate Course) (*)	Sq. Yd. Ton	1 1	Sq. Meter Megagram	1 1	(*) If Sq. Yd. units are used provide thickness
	Driveway Replacement (Decorative)	Sq. Yd.	1	Sq. Meter	1.0	
	Type I Street Repair	Sq. Yd.	1	Sq. Meter	1.0	Concrete base with asphalt surface (standard)
	Type II Street Repair	Sq. Yd.	1	Sq. Meter	1.0	Full depth asphalt (only if excavation width exceeds 6')
	Flowable Fill (Low Strength)	Cu. Yd.	1.0	Cu. Meter	1.0	
400.00						
	Sidewalk Construction (*)	Sq. Ft.	1	Sq. Meter	1.0	(*) indicates thickness Concrete steps paid for as KCMMB 4K Concrete, cubic yard
	Sidewalk Repair (*)	Sq. Ft.	1	Sq. Meter	1.0	(*) indicates thickness
	Sidewalk Ramp (6")	Sq. Ft.	1	Sq. Meter	1.0	Used for ramps w/out warning surface
	Sidewalk Ramp with Detectable Warning Surface	Sq. Ft.	1	Sq. Meter	1.0	Used for concrete portion of the ramp ONLY
	Detectable Warning Surface	Sq. Ft.	1	Sq. Meter	1.0	
	Asphalt Sidewalk (Intermediate Course) (*)	Sq. Yd. Ton	1 1	Sq. Meter Megagram	1 1	(*) If Sq. Yd. units are used provide thickness
500.00						
	* Storm Sewer (**)	Lin. Ft.	1	Lin. Meter	1.0	* Indicates size (**) indicates type i.e. 24" Storm Sewer (R.C.P. Class III)
	* End Section (**)	Each	1	Each	1	* Indicates size (**) indicates type i.e. 24" End Section (R.C. Class III)
	Inlet (*) (**)(Complete)	Each	1	Each	1	(*) Indicates size. (**) Indicates Type i.e. Inlet (4'x4')(Curb)
	Junction Box (*) (Complete)	Each	1	Each	1	(*) Indicates size i.e. Junction Box (4'x4')

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	Manhole *(Complete)	Each	1	Each	1	(*) Indicates size i.e. Manhole (4')
	Modification of Structure (*)	Each	1	Each	1	(*) Indicates structure type
	Stormwater Treatment Unit (*)	Each	1	Each	1	(*) Indicates size
	Cured-in-Place Pipe	Lin. Ft.	1	Lin. Meter	1	
	Slope Drain (*)	Lin. Ft.	1	Lin. Meter	1	(*) Indicates type i.e. (concrete) or (stone) or (grouted stone)
	Concrete Collar	Each	1	Each	1	
	Riprap *(**)	Sq. Yd.	1	Sq. Meter	1	(*) Indicates series (**) Indicates thickness
	Gabions	Cu. Yd.	1	Cu. Meter	1	
	Modular Retaining Wall	Sq. Ft.	1	Sq. Meter	1.0	
	Stone Masonry (*)	Cu. Yd.	1.0	Cu. Meter	1.0	(*) Indicates type. i.e. (Retaining Wall)
	Segmental Retaining Wall	Sq. Ft.	1	Sq. Meter	1.0	
	Segmental Retaining Wall Geogrid	Sq. Ft.	1	Sq. Meter	1.0	
	Reinforced Concrete Box *(Precast)	Lin. Ft.	1.0	Lin. Meter	1.0	(*) Indicates size
	Concrete Overlay (*)	Sq. Yd.	1.0	Sq. Meter	1.0	(*) Indicates thickness Used for RCB overlays
	Area Prepared for Patching	Sq. Yd.	1.0	Sq. Meter	1.0	Used for RCB overlays
	Ditch Lining, Concrete	Lin. Ft. Sq. Yd.	1 1	Lin. Meter Sq. Meter	1.0 1	
	Ditch Lining, Connection	Each	1	Each	1	
	Ditch Lining, Concrete Block	Sq. Ft.	1	Sq. Meter	1.0	
	Ditch Lining, Concrete Block Anchor	Each	1	Each	1	
	Private Drainage Connection	Each	1	Each	1	
	Pipe Underdrain (6")(Type H or Type L)	Lin. Ft.	1	Lin. Meter	1.0	Perforated pipe in underdrain system
	Outlet Pipe (6")(Type K or Type E)	Lin. Ft.	1	Lin. Meter	1.0	Solid pipe in underdrain system Used to connect perforated pipe to inlets
600.00						
	* Sanitary Sewer (**)	Lin. Ft.	1.00	Lin. Meter	1.0	* Indicates size (**) indicates type i.e. 10" Sanitary Sewer (Class 50 D.I.P.)
	* Sanitary Lateral Relocation (**)	Lin. Ft.	1.00	Lin. Meter	1.0	* Indicates size and type. (**) indicates type i.e. 10" Sanitary Lateral Relocation (Class 50 D.I.P.)

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	Manhole (Sanitary)(*)	Each	1	Each	1	(*) Indicates size. i.e. Manhole (Sanitary)(4')
	Grease Interceptor (*)	Each	1	Each	1	(*) Indicates size.
	Sanitary Sewer Encasement	Lin. Ft.	1	Lin. Meter	1.0	
	Adjustment of Manholes	Each	1	Each	1	
	Sewage Disposal System Field	Lin. Ft.	1	Lin. Meter	1.0	
700.00						
	Fence (*)(**)	Lin. Ft.	1	Lin. Meter	1.0	(*) Indicates type (**) Indicates size i.e. Fence (Chain Link)(4'-0")
	Fence (*) (Temporary)	Lin. Ft.	1	Lin. Meter	1.0	(*) Indicates type i.e. Fence (Chain Link) (Temporary)
	Gate (*) (**)	Each	1	Each	1	(*) Indicates type (**) Indicates size i.e. Gate (Chain Link)(4'-0")
	Handrail (*) (**)	Lin. Ft.	1	Lin. Meter	1.0	(*) Indicates type (**) Indicates size i.e. Handrail (Metal) (3'-6")
	Guardrail, Steel Plate	Lin. Ft.	1	Lin. Meter	1.0	
	Guardrail End Terminal (*)	Each	1	Each	1.0	(*) Indicates type i.e. (SRT 350)
	Inertial Barrier System	Each	1	Each	1	
	Replacement Modules (*)	Each	1	Each	1	(*) Indicates Series
	Electric Gate Relocation	Each	1	Each	1	
800.00						
	Street Lighting Installation	Lump Sum	1	Lump Sum	1	
	Traffic Signal Installation	Lump Sum	1	Lump Sum	1	
	Fiber Optic Communication System	Lump Sum	1	Lump Sum	1	
	Conduit (*)	Lin. Ft.	1	Lin. Ft.	1	(*) Indicates size and type Note: usually subsidiary to Lighting or Signals
	Junction Box (Electric)(*)	Each	1	Each	1	(*) Indicates size and type Note: usually subsidiary to Lighting or Signals
	Service Box (*)	Each	1	Each	1	(*) Indicates size and type Note: usually subsidiary to Lighting or Signals
	USE Distribution Cable (*)	Lin. Ft.	1	Lin. Meter	1.0	(*) Indicate size Note: usually subsidiary to Lighting or Signals
	Traffic Loop Detector	Each	1	Each	1	Used for loop replacement on overlays Note: usually subsidiary to Lighting or Signals
	Electrical Service Relocation	Each	1	Each	1	

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	Sign Relocation (Lighted)	Each	1	Each	1	
	Permanent Traffic Control Signs	Sq. Ft. Lump Sum	1 1	Sq. Meter Lump Sum	1.0 1	Sq. Ft. payment option is preferred.
	1-3/4" x 1-3/4" Sign Posts	Lin. Ft.	1	Lin. Meter	1.0	
	2" x 2" Sign Post Anchors	Lin. Ft.	1	Lin. Meter	1.0	
	2-1/4" x 2-1/4" Anchor Sleeves	Lin. Ft.	1	Lin. Meter	1.0	
	Illuminated Overhead Street Name Signs (*)	Each	1	Each	1	(*) Indicates size
	3-1c #14 AWG Electrical Cable	Lin. Ft.	1	Lin. Ft.	1	cable used for illuminated overhead street name signs
	Dynamic Message Sign	Lump Sum	1	Lump Sum	1.0	
	RRFB System	Each	1	Each	1	Rectangular Rapid Flash Beacon
	LED Light Bars	Each	1	Each	1	used with Rectangular Rapid Flash Beacon Installations
	Audible Pedestrian Push Button Units	Each	1	Each	1	used with Rectangular Rapid Flash Beacon Installations
	Traffic Control	Lump Sum	1	Lump Sum	1	
	Temporary Pavement Markings	Lump Sum	1	Lump Sum	1	
	Interim Pavement Markings	Lump Sum	1	Lump Sum	1	
	Permanent Pavement Markings	Lump Sum Lin. Ft. Each	1 1 1	Lump Sum Lin. Meter Each	1 1.0 1	Lines Symbols
	Concrete Safety Barrier	Lin. Ft.	1	Lin. Meter	1	
900.00						
	Tree Well	Each	1	Each	1	
	Select Planting Soil	Sq. Ft.	1	Sq. Meter	1.0	
	Monument Construction (*)	Each	1	Each	1	(*) Indicates location i.e. (Hillcrest Subdivision)
	Landscaping	Lump Sum	1	Lump Sum	1	
	Tree Replacement	Each	1	Each	1	
	Shrub	Each	1	Each	1	
	Perennial	Each	1	Each	1	
	Tree Relocation	Each	1	Each	1	
	Railroad Tie Wall	Lin. Ft.	1	Lin. Meter	1.0	
	Lawn Sprinkler System (*)	Lump Sum	1	Lump Sum	1	(*) Indicates location i.e. (Hillcrest Subdivision)
	Service Water Line Relocation	Each	1	Each	1	
	Temporary Erosion and Pollution Control Items	Varies	1	Varies	1	For Bid Items and Units see Specification "Erosion.doc"
	* Seed	Acre	1.0	Hectare	1.0	* Indicates type. i.e. Buffalograss Seed

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	* Sod	Sq. Yd.	1	Sq. Meter	1	* Indicates type. i.e. Zoysia Sod
	Wildflower Mix	Acre	1.0	Hectare	1.0	
	Topsoil	Cu. Yd.	1	Cu. Meter	1	
	Herbicide Application	Acre	1.0	Hectare	1.0	
	Pre-Emergent Application	Acre	1.0	Hectare	1.0	
	Pruning Existing Trees	Each	1	Each	1	
	* Flagpole	Each	1	Each	1	* Indicates size and type. i.e. 6" Steel Flagpole
	Project Sign (*)	Each	1	Each	1	* Indicates type
	Land Corner Monument Box	Each	1	Each	1	
	Benchmark Monument	Each	1	Each	1	Used for replacing JOCO vertical benchmarks destroyed during construction
	Property Corners	Each	1	Each	1	
	Gauging Station	Lump Sum	1	Lump Sum	1	
	Field Office (*)	Each	1	Each	1	(*) Indicates type
	RWIS Installation	Lump Sum	1	Lump Sum	1	Remote Weather Information System
	Siren Relocation	Lump Sum	1	Lump Sum	1	
	Inclinometer	Lump Sum	1	Lump Sum	1	
	Plugging (*) Wells	Each	1	Each	1	(*) Indicates type. i.e. Plugging (Water) Wells
	Contractor Construction Staking	Lump Sum	1	Lump Sum	1	