

**BID FORM AND UNIT PRICES**

PART 1 - GENERAL

1.1 SUMMARY

- A. Contractor will be responsible for completing the work as outlined with this bid form/unit price description, the attached sketches, and any addenda which may follow after initial advertisement. Work includes the grading of a 40'x12' pad adjacent to the New River near the existing NRRWA water treatment plant intake. The Contractor will grade an access drive with gravel and filter fabric under gravel as shown in order to access the pad from the intake structure area. Pad will be at approximate elevation as shown on the sketches. Access drive will be suitable to drive a 30' long trailer onto the pad using a standard tandem axle dump truck. Maximum grade should be no more than 15% with no major grade breaks to create hang-up area for the trailer. Contractor will install a 90 degree 12" DIP bend in the existing storm manhole at the existing 12" DIP drain line and secure the bend with rods through the manhole wall. Contractor will also install a blind flange on the top of the bend.

1.2 DEFINITIONS

- A. Unit price is an amount proposed by bidders and stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.3 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: The Bid in Section 5.01 of the Bid Form consists of Unit Price bid items. The general scope of work included in these bid items is included at the end of this Section.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A list of unit prices is included at the end of this Section.
- E. Schedules: The bid has been divided into three schedules to subdivide project costs.

PART 2 - BID

Item No. Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1. Mobilization (limited to 3% of total)	1	LS	\$ _____	\$ _____
2. Grading	1	LS	\$ _____	\$ _____
3. 21-A Stone	100	TON	\$ _____	\$ _____

4.	Filter Fabric	100	SY	\$ _____	\$ _____
5.	Silt Fence	150	LF	\$ _____	\$ _____
6.	Elbow and manhole modifications	1	LS	\$ _____	\$ _____
				TOTAL	\$ _____
					\$ _____

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor’s overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

**TOTAL BASE BID PRICE** \_\_\_\_\_  
*(USE WORDS)*

\_\_\_\_\_  
 \$ \_\_\_\_\_  
*(USE NUMBERS)*

**PART 3 - UNIT PRICES**

**3.1 LIST OF UNIT PRICES**

**A. Bid Items:**

1. Mobilization: Mobilization will not be measured but will be considered as a lump sum payment limited to 3% of the original contract amount. Mobilization will include all equipment mobilization, permitting and any other incidentals associated with the work not covered by individual line items.
2. Grading: Grading will be paid for as a lump sum item. This price will include excavation, backfill spreading of excavated material, compaction, and for furnishing all labor materials, tools, equipment and incidentals necessary to complete the work.
3. 21-A Stone: 21-A Stone will be measured by the ton as delivered and will be paid for at the contract unit price for each ton. This price will be full compensation for furnishing all labor, materials, tools, equipment and incidentals necessary to complete the work. Contractor will furnish truck delivery tickets for measurement of installed stone. 21-A stone specification will meet the latest edition of VDOT Standards and Specifications.
4. Filter Fabric: This item will be measured and paid per square yard as installed to coincide with stone installation as noted on the plans. This price will include compensation for all labor, materials, tools, equipment, excavation, backfill, compaction and incidentals necessary to complete this work. Filter Fabric specification will meet the latest edition of VDOT Standards and Specifications for Geotextile Fabric for Silt or Filter Barriers.
5. Silt Fence: This item will be measured and paid per linear foot as installed. This price will include compensation for all labor, materials, tools, equipment, excavation, backfill, compaction and incidentals necessary to complete this work in accordance with these specifications. Incidentals included with this line item are trenching, maintenance of silt fence, removal and disposal of accumulated silt, and any other incidental as may be required to properly install and maintain this item. Additional silt fence required by Wythe County erosion control due to the Contractor not complying with the contract documents will not be paid for by the Owner. Additional silt fence

required by Wythe County erosion control while the Contractor has complied with the contract documents will be paid for under this item. Silt Fence specification will meet the latest edition of VDOT Standards and Specifications for Geotextile Fabric for Silt Fence.

6. Elbow and manhole modifications: This item will be measured and paid as lump sum installed. This price will include compensation for all labor, materials, tools, equipment, excavation, backfill, compaction and incidentals necessary to install the base elbow within the existing manhole. Incidentals included with this line item are drilling of the existing manhole, installation of the tie-back system, flange adaptors, blind flange, excavation outside manhole, backfill of excavation, and any other incidental as may be required to properly install this work. Fittings will meet the requirements of AWWA C110 and ANSI B 16.1, Class 125 rated at 250 psi working pressure. Fittings will include interior cement lining per AWWA C014 and exterior coated with an epoxy primer or tar coating.

B. Related Items:

1. Clearing and Grubbing: All necessary clearing and grubbing is to be considered incidental to the other items of work and no separate payment or additional compensation will be made.
2. Rock: Rock and its excavations will be considered subsidiary to the work and will not be measured for separate payment. No additional payment will be made for the excavation and disposal of rock.
3. Seeding: All necessary seeding, including fertilizer, lime, topsoil preparation, and mulch in accordance with the specifications, will be considered incidental to the other items of work and no separate payment or additional compensation will be made. Seed mix will comply with VESCH standards for this associated state region.