

SECTION 01150

MEASUREMENT AND PAYMENT

A. SCOPE

Under this heading shall be included the methods of measurement and payment for items of work under this Contract.

B. ESTIMATED QUANTITIES

All estimated quantities for unit price items, stipulated in the Bid Form, or other Contract Documents, are approximate and are to be used as a basis for estimating the probable cost of the work and for comparing the bids submitted for the Project. The actual amounts of work done and materials furnished under price items may differ from the estimated quantities. The basis of payment for work and materials will be the actual amount of work done and material furnished. The Contractor agrees to make no claim for damages, anticipated profits or otherwise on account of any difference between the amounts of work actually performed and materials actually furnished and the estimated amounts included in the Bid Form.

C. LUMP SUM AND UNIT PRICE QUANTITIES

All quantities are for unit price or lump sum items stipulated in the Bid Form. The Contractor, having read and understood the Bidding Documents and examined the Project sites and adjoining areas, and being familiar with the obstacles and conditions that will affect proposed work, hereby offers and agrees to furnish all labor, products, and services needed to provide work in accordance with the Bidding Documents and will provide a properly itemized listing for each bid item, supported by sufficiently substantially data, to permit evaluation of partial pay requests.

1. Mobilization, Demobilization, Insurance & Bonds

There will be no separate measurement of the items under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. The lump sum price for this item shall not exceed 5% of the total of all bid items in the Base Bid (not including the Supplementary Work Allowance).

Payment shall include all compensation for mobilization, demobilization, insurance requirements and bonds for the project. Payment for 75% of the item shall be made when the Contractor completes project mobilization and satisfies the insurance and bonding requirements to the satisfaction of the Owner. Payment for the remaining 25% of the item shall be after demobilization and completion of the work to the satisfaction of the Owner.

2. Remove Existing Tank and Store On-Site

There will be no separate measurement of the items under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for the removal of the existing tank and placing it at an on-site location designated by the JWSC representative.

3. Reinforced Concrete Foundation for Tank including Demo of Existing Foundation

There will be no separate measurement of the items under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for the installation of the tank foundation including demolition of the existing tank foundation and cutting existing piles as described in the bid documents.

4. Miscellaneous Concrete Pads/Foundations

Measurement and payment for this item will be on the basis of the unit price in the Bid Form. Payment includes all labor, equipment and materials required to install the concrete pads and foundations, not included as part of other items, shown on the bid documents including reinforcement.

5.-14. Remove and Replace Pipe Supports

There will be no separate measurement of the items under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for the removal and replacement of pipe and pipe supports as described in the bid documents. This item includes all welding, testing, concrete foundations and fittings required to install the section of pipe associated with the item.

15. Install 5 HP Blower

There will be no separate measurement of the item under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for the furnishing and installation of the blower as described in the bid documents.

16. Install 100 HP Blower, Control Panel and Shelter

There will be no separate measurement of the item under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for the furnishing and installation of the blower and control panel, with shelter, as described in the bid documents. The cost for furnishing and installing the concrete pad under the blower and control panel shall be included in Bid Item 4.

17.-19. Install Motor-Actuated BFV

There will be no separate measurement of the items under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for to complete the work as described in the bid documents.

20.-21. Install Lever-Operated BFV

There will be no separate measurement of the items under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for to complete the work as described in the bid documents.

22. SCADA Allowance

This item is an allowance based on the SCADA quote provided in Appendix B. The contractor shall coordinate all SCADA work and provide support work based on the quote provided in Appendix B. Payment for the contractor's work shall be included in Bid Item 22.

23. Miscellaneous Items including support work for SCADA/instrumentation, final site cleanup and restoration necessary for a complete job but not otherwise listed in this proposal

There will be no separate measurement of the items under this heading. Payment for this item will be on the basis of the lump sum price in the Bid Form. Payment includes all labor, equipment and materials required for to complete the work as described in the bid documents.

D. SUMMARY OF ITEM TOTALS

The Bidder shall fill in the appropriate totals which shall be used as a basis for

comparison of bids. The Owner reserves the right to award the Contract in the best interest of the Owner. The total Contract amounts will be determined upon completion of the project using the quantities actually incorporated into the project corresponding to the unit prices and lump sum amounts in the Bid Proposal.

Payment shall be considered to cover the cost of all labor, supervision, material, equipment and performing all operations necessary to complete the work in place. The items listed in the proposal shall be considered as sufficient to complete the work in accordance with the Plans and Specifications; incidental items of work not listed in the bid form shall be a part of the item with which it is associated and shall be included in the cost of the unit shown on the bid form. The unit of measurement shall be the unit shown in the proposal. Payment will be based upon the actual quantity multiplied by the unit price.

END OF SECTION 01150