GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CITY OF PETERSBURG WATER SPECIFICATIONS DATED MAY 1, 1975 AND VDH&T SPECIFICATIONS, AS HEREIN MODIFIED. ALL PROPOSED CONSTRUCTION METHODS ARE SUBJECT TO APPROVAL BY THE CITY ENGINEER.
2. THE BID IS TO BE FOR THE ENTIRE PROJECT, WITH THE CITY OF PETERSBURG PAYING FOR ALL WORK AND MATERIALS UP TO THE CENTER LINE OF HARRISON'S CREEK, TO INCLUDE THE METER VAULT, AND PRINCE GEORGE COUNTY PAYING FOR ALL MATERIAL AND WORK PAST THE CENTER LINE OF HARRISON'S CREEK. THE CITY OF PETERSBURG AND PRINCE GEORGE COUNTY WILL PAY FOR THEIR PARTS OF THE PROJECT INDIVIDUALLY ACCORDING TO UNIT PRICES SUBMITTED.
3. THE CITY OF PETERSBURG WILL PERFORM ALL COORDINATION AND CONTROL FOR THE PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL LINES AND GRADES GIVEN.
4. THE CITY OF PETERSBURG WILL FURNISH THE 8" TRIDENT WATER METER. THE CONTRACTOR CAN PICK UP THE METER AT THE CITY WATER DEPT. LOCATED ON SAINT ANDREW ST.
5. AGGREGATE BASE MATERIAL AND ASPHALT WILL BE PAID FOR ACCORDING TO SHIPPING TICKET WEIGHTS. TICKETS SHALL BE DELIVERED TO THE CITY ENGINEERING DIVISION.
6. NO EXCAVATED MATERIAL WILL BE PLACED ON PUDDLEDOCK RD. IT IS THE CONTRACTOR RESPONSIBILITY TO TRUCK ALL EXCAVATED MATERIAL. THE CITY LANDFILL WILL ACCEPT ALL MATERIAL FREE OF CHARGE.
7. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN TWO WAY TRAFFIC AT ALL TIMES ON PUDDLEDOCK RD.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COVER ALL TRENCHES DAILY AT THE COMPLETION OF WORK AND INSURE THAT THEY ARE PROPERLY MARKED WITH SIGNS AND BARRICADES.
9. IT IS THE CONTRACTORS RESPONSIBILITY TO REPLACE ALL EXISTING TRAFFIC CONTROL SIGNS, THE CONTRACTOR SHALL ALSO RESTORE TO THEIR ORIGINAL POSITION & CONDITION ALL MAIL BOXES DISTURBED DURING CONSTRUCTION.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE OR REPAIR ALL ROADS, DRIVEWAYS, DRAINAGE PIPE AND DITCHES WHICH ARE DISTURBED DURING CONSTRUCTION. IN ALL CASES, THE CONTRACTOR SHALL MAKE REPAIRS WITH MATERIALS WHICH ARE EQUAL OR SUPERIOR TO THE ORIGINAL.
11. NO OPEN CUTS WILL BE PERMITTED ACROSS PUDDLEDOCK RD. HOWEVER, OPEN CUTS WILL BE PERMITTED ACROSS ROUTES 684 & 685.
12. AT THE FRIEND SAND AND GRAVEL CO., IT IS THE CONTRACTOR'S OPTION TO OPEN CUT OR JACK UNDER THE RAILROAD TRACKS. THE CONTRACTOR MUST MEET THE STIPULATIONS SET DOWN BY THE FRIEND SAND AND GRAVEL CO., IF HE CHOOSES TO OPEN CUT. THE STIPULATIONS ARE AS FOLLOWS: (A) A MUTUAL DAY MUST BE AGREED UPON BY BOTH THE CONTRACTOR AND FRIEND SAND & GRAVEL CO., WITH AT LEAST A WEEK'S NOTICE GIVEN PRIOR TO THE REQUESTED DATE. (B) ALL COORDINATION WILL BE THROUGH MR. FORE, REPRESENTING FRIEND SAND & GRAVEL CO., INC. (C) ALL WORK MUST BE COMPLETED IN ONE DAY BY THE CONTRACTOR. ANY ADDITIONAL COST BY FRIEND SAND & GRAVEL CO., SUCH AS HAVING MATERIAL TRUCKED IN INSTEAD OF BY RAIL, DUE TO THE CONTRACTOR'S FAILURE TO COMPLETE THE WORK IN ONE DAY, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. (D) ANY RAIL REMOVED WILL BE REPLACED ACCORDING TO THE VIRGINIA DEPARTMENT OF HIGHWAYS & TRANSPORTATION SPECIFICATIONS BY THE CONTRACTOR AND IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE RAIL REMOVED FOR A PERIOD OF ONE YEAR AFTER THE RAIL HAS BEEN REPLACED.
13. THE CONTRACTOR MUST SUPPLY LATERALS TO ALL INDIVIDUAL PROPERTY OWNERS AS DETERMINED BY PRINCE GEORGE COUNTY. LOCATIONS AND SIZES OF THE LATERALS ON THE CONSTRUCTION PLANS ARE APPROXMATE. ACTUAL LOCATIONS & SIZES WILL BE DETERMINED DURING CONSTRUCTION BY THE PROPERTY OWNERS. ALL INDIVIDUAL LATERALS ON THE SOUTH SIDE OF PUDDLEDOCK RD. MUST BE BORED OR JACKED. THE CONTRACTOR MUST SUBMIT TWO PRICES FOR THE LATERALS, ONE PRICE FOR THOSE WHICH MUST BE BORED OR JACKED AND ONE FOR THOSE WHICH ARE OPEN CUT.
14. THE CONTRACTOR SHALL REMOVE ONLY THOSE SECTIONS OF GUARDRAIL REQUIRED TO ENABLE THE METER VAULT TO BE PLACED BEHIND THE GUARDRAIL, AS SHOWN ON PLANS, AND REPLACE THOSE GUARDRAIL SECTIONS TO THEIR ORIGINAL CONDITION. COST OF REMOVAL AND REPLACMENT OF GUARDRAIL SHALL NOT BE A SEPARATE BID ITEM.
15. THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION ALL PRIVATE PROPERTY DEFACED OR DAMAGED BY HIS OPERATIONS AND BE LIABLE FOR ANY DAMAGES OUTSIDE OF THE RIGHT OF WAY WHICH IS SHOWN ON THE PLANS.
16. THE CONTRACTOR WILL TIE THE LINE INTO THE EXISTING LINE AFTER IT HAS BEEN TESTED BY THE CONTRACTOR AND APPROVED BY THE CITY ENGINEER OR HIS REPRESENTIVE.
17. ALL FIRE HYDRANTS WILL ADHERE TO THE CITY OF PETERSBURG WATER SPECIFICATIONS HOWEVER, THEY WILL HAVE NATIONAL STANDARD THREADS AND OPERATING NUTS. ALL GATE VALVES WILL OPEN LEFT. THE CONTRACTOR MUST SUPPLY TWO (2) HYDRANT WRENCHES AND TWO (2) FOUR FOOT TEE WRENCHES FOR VALVES. THE PRICES FOR THESE ITEMS SHALL BE INCLUDED IN THE TOTAL PRICE FOR THE FIRE HYDRANTS.
18. THE CONTRACTOR SHALL PROVIDE AND PLACE ON GRADE ALL METER BOXES. THE COST OF INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE OF EACH METER BOX. PRINCE GEORGE COUNTY SHALL SUPPLY AND INSTALL ALL 3/4" METERS FOR PRIVATE WATER SERVICES. THE CONTRACTOR SHALL SUPPLY AND INSTALL THE 4" METER AND BOX.
19. THE CONTRACTOR SHALL USE THE TABLET METHOD FOR CHLORINATION OF THE WATER LINES. THE TABLETS SHALL BE AFFIXED TO THE TOP OF THE PIPE AFTER THE INSTALLATION OF EACH SECTION OF PIPE BY AN APPROVED METHOD TO BE DISCUSSED DURING THE PRE-CONSTRUCTION CONFERENCE.
20. ALL FIRE HYDRANTS LOCATED ON THE SAME SIDE OF THE ROAD AS THE WATER LINE WILL BE OFFSET IN THE FOLLOWING MANNER: (1) 6" TEE MECHANICALLY JOINTED TO THE 6" GATE VALVE AND (2) THE 6" GATE VALVE MECHANICALLY JOINTED TO THE FIRE HYDRANT.

SUMMARY OF ESTIMATED QUANTITIES

ITEM	QUANTITY
8" DUCTILE IRON WATER LINE	5005' L.F.
6" DUCTILE IRON WATER LINE	4728' L.F.
4" DUCTILE IRON WATER LINE	85' L.F.
8" - 45° BENDS (C.I.)	5 EA.
8" - 22 1/2° BENDS (C.I.)	2 EA.
4" - 90° BENDS (C.I.)	2 EA.
8" x 8" x 6" TEE	12 EA.
8" x 8" x 4" TEE	2 EA.
6" x 6" x 6" TEE	11 EA.
6" x 6" x 4" TEE	1 EA.
8" GATE VALVE	4 EA.
6" GATE VALVE	23 EA.
4" GATE VALVE	2 EA.
FIRE HYDRANT	18 EA.
TYPE "F" ANCHOR BLOCKS	54 EA.
6" CAP	5 EA
8" CAP	1 EA.
METER VAULT	1 LS.
WATER LATERALS:	
JACKED 1"	14 EA.
JACKED 2"	2 EA.
OPEN CUT 1"	35 EA.
OPEN CUT 2"	1 EA.
VALVE BOXES & COVERS	29 EA.
BIT. CONCRETE (S4 OR S5)	23 TONS
AGGREGATE BASE MATERIAL	500 TONS
4" METER & BOX	1 EA.
3/4" METER BOXES	59 EA.
8" DRESSER COUPLINGS	2 EA.
PAVED DITCH	55.2 S.Y.

DIVISION OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
PETERSBURG, VIRGINIA

GENERAL NOTES & ESTIMATED QUANTITIES

WATER SYSTEM
PUDDLEDOCK ROAD

SCALE N/O SCALE DATE 4-24-75 DRAWN BY DCM	NOTE BOOK PAGE BY	DRAWING NO. F-3-74

SHEET B