

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. EACH BIDDER SHALL VISIT THE SITE OF THE PROJECT BEFORE SUBMITTING THE PROPOSAL FOR THIS WORK SO THAT THEY WILL BE FULLY INFORMED OF THE EXISTING FIELD CONDITIONS AND THE OBSTACLES WHICH MIGHT BE ENCOUNTERED. UPON AWARD OF THE CONTRACT THE CONTRACTOR WILL NOT BE GRANTED ANY ADDITIONAL COMPENSATION WITH REGARDS TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING ANY INSPECTION OF THE SITE.
3. AT LEAST 72 HOURS PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL CONTACT THE FOLLOWING PERSONNEL TO ADVISE THEM OF THE INTENDED WORK AND OF HIS SCHEDULE:
 BILL WEIGAND 316-789-5081 WWeigand@wichita.gov
 MIKE JACOBS 316-269-4760 MJacobs@wichita.gov
4. THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

EMERGENCY DISPATCH	911
AT&T	800-246-8464
CITY OF WICHITA WATER & SEWER	316-219-8921
CITY OF WICHITA STORMWATER	316-268-4090
CITY OF WICHITA TRAFFIC	316-268-4034
BLACK HILLS ENERGY	800-694-8989
COX COMMUNICATIONS	888-249-3530
KANSAS GAS SERVICE	888-482-4950
EVERGY	800-544-4857
5. THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION AT THE CONTRACTORS EXPENSE
6. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL ALSO BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS MAY REQUIRE ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED DISPOSAL LOCATION.
7. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION, TYPE, SIZE AND CLASS OF EXISTING WATERLINES PRIOR TO MAKING CONNECTIONS.
8. OPENING AND CLOSING WATER VALVES SHALL BE DONE SLOWLY TO PREVENT DAMAGE TO THE WATER DISTRIBUTION SYSTEM FROM WATER HAMMER. ALL VALVES CLOSED BY THE CONTRACTOR MUST BE REOPENED AS NEW CONSTRUCTION PERMITS. PROJECT INSPECTOR MUST ASCERTAIN THAT ANY VALVE CLOSED BY THE CONTRACTOR IS REOPENED. CONTRACTOR WILL BE PERMITTED TO OPERATE WATER VALVES ONLY WHEN THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT AND THE OWNER IS PRESENT.
9. THE CONTRACTOR SHALL COORDINATE ALL PUMP STATION TIE-INS, SHUT DOWNS, PROCESS REMOVAL, AND PROCESS START UP WITH THE OWNER. THESE WORK ACTIVITIES SHALL BE COMPLETED ONLY WITHIN THE WINDOW OF TIME ALLOCATED FOR THE PROCEDURE BY THE OWNER.
10. EXCLUDING THE VALVES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HANDLING AND DISPOSAL OF ALL REMOVED EQUIPMENT AND MATERIALS.
11. BUTTERFLY VALVE REMOVAL AND INSTALLATION SHALL INCLUDE VALVE REMOVAL, VALVE INSTALLATION, ELECTRIC/MANUAL ACTUATOR REPLACEMENT, AND NEW THREADED STUDS AND NUTS. THIS WORK SHALL BE INCLUDED IN THE BID ITEM "VALVE REMOVAL AND INSTALLATION, 42" (72", 60", 48") BUTTERFLY".
12. THE BUTTERFLY VALVES THEMSELVES SHALL BE BID AS "NEW VALVE, 42" (72", 60", 48") BUTTERFLY".
13. BALL VALVE REMOVAL AND INSTALLATION SHALL INCLUDE VALVE REMOVAL, VALVE INSTALLATION, ELECTRIC ACTUATOR REPLACEMENT, NEW THREADED STUDS AND NUTS, AND TEMPORARY PIPE SUPPORTS. THIS WORK SHALL BE INCLUDED IN THE BID ITEM "VALVE REMOVAL AND INSTALLATION, 30" BALL".
14. THE BALL VALVES THEMSELVES SHALL BE BID AS "NEW VALVE, 30" BALL".
15. ALL INSTALLED MATERIALS (VALVES, COUPLING STUDS/NUTS, GEARBOX, ACTUATOR, ETC.) AND ANY EXISTING MATERIAL THAT IS MARRED BY CONSTRUCTION SHALL BE PAINTED TO MATCH EXISTING COLOR. THIS COST SHALL BE CONSIDERED SUBSIDIARY TO OTHER BID ITEMS. SURFACE PREPARATION SHALL BE SSPC-SP1 SOLVENT CLEANING TNEEC SERIES N69 HI-BUILD EPOXOLINE, OR APPROVED EQUAL, SHALL BE USED. THE APPLICATION SHALL INCLUDE TWO COATS AT 3.0-5.0 DRY FILM-MILS EACH.



**PROJECT LOCATION
 HESS PUMP STATION
 1601 MUSEUM DRIVE**

CONSTRUCTION SEQUENCE

1. ALL NEW VALVES SHALL BE ONSITE (PUMP VALVES: 7-42" BUTTERFLY, 7-30" BALL; DISCHARGE HEADER: 12- 48" BUTTERFLY; SUCTION HEADER: 4-72" BUTTERFLY, 6-60" BUTTERFLY).
2. COMPLETE ALL PHASES OF REPLACEMENT OF EXISTING VALVES WITH NEW VALVES. DURING PHASE 1, PUMPS 5 & 6 WILL BE OUT OF SERVICE (PUMP 2 WILL ALSO BE TAKEN OUT OF SERVICE FOR A PORTION OF THE PHASE). DURING PHASE 2, PUMPS 7 & 8 WILL ALSO BE OUT OF SERVICE (PUMP 4 WILL TAKEN OUT OF SERVICE FOR A PORTION OF THE PHASE). DURING PHASE 3, PUMPS 1 & 2 WILL BE OUT OF SERVICE. DURING PHASE 4, PUMPS 3 & 4 WILL BE OUT OF SERVICE.
3. ALL REMOVED VALVES SHALL BE PLACED AT THE STORAGE LOCATION DESIGNATED BY THE CITY. A VALVE MANUFACTURER REPRESENTATIVE AND OWNER SHALL JOINTLY INSPECT THE VALVES AND SELECT THE VALVES TO BE SHIPPED TO THE MANUFACTURER.
4. IF ADD ALTERNATE #1 IS AWARDED, ALL VALVES TO BE SHIPPED (1-42" BUTTERFLY, 1-30" BALL, 1-48" BUTTERFLY, 1-72" BUTTERFLY, 1-60" BUTTERFLY) SHALL BE SENT TO HENRY PRATT COMPANY. THIS COST SHALL BE INCLUDED IN THE BID ITEM "VALVES SHIPMENT".



**WATER TREATMENT PLANT
 VALVE ACTUATOR REPLACEMENT**

CITY OF WICHITA PROJECT NO. 448-90958
 GARY JANZEN, P.E. - CITY ENGINEER

Issue:		

JOB NO.	197042-006/197043-014
DATE	MARCH 2020
PM	MDK
DESIGNED BY	TBK
DRAWN BY	CAL
CHECKED BY	RWG

KEY MAP AND GENERAL NOTES