

ARKANSAS DEPARTMENT OF TRANSPORTATION

110812

HWY. 49 MISSISSIPPI RIVER BRIDGE REHAB. (S)

FEDERAL AID PROJECT NHPP-PRTT-HIPBIP-0054(31)

THE PURPOSE OF THIS PROJECT IS TO REHABILITATE THE MISSISSIPPI RIVER BRIDGE INCLUDING DECK REPLACEMENT AND POLYMER OVERLAY ON HIGHWAY 49 IN PHILLIPS COUNTY. THIS PROJECT CONSISTS OF REMOVAL AND DISPOSAL ITEMS, STONE BACKFILL, TRENCHING AND SHOULDER PREPARATION, AGGREGATE BASE COURSE, PORTLAND CEMENT CONCRETE BASE, ACHM SURFACE COURSE, COLD MILLING ASPHALT PAVEMENT, ACHM PATCHING OF EXISTING ROADWAY, APPROACH SLABS AND GUTTERS, PORTLAND CEMENT CONCRETE PAVEMENT PATCHING, MAINTENANCE OF TRAFFIC, GUARDRAIL, GEOTEXTILE FABRIC, TRAFFIC SIGNAL ITEMS, MODIFICATION OF EXISTING BRIDGE STRUCTURE, STEEL REPAIR, LIGHTWEIGHT CONCRETE, BRIDGE JACKING, AND MISC. ITEMS.

ROUTES: 49

SECTIONS: 11

COUNTY: PHILLIPS

LENGTH: 1.163 miles in length.

THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INVOLVED:

202042	R&D OF CONCRETE PAVEMENT	32.00	SQYD
202053	R&D OF APPR.SLAB & GUTTERS	2.00	EACH
202132	R&D OF GUARDRAIL	1,604.00	LF
202794	REMOVAL & DISPOSAL OF CONDUIT & CABLE	1.00	L.S.
202795	REMOVAL & DISPOSAL OF ITS EQUIPMENT	1.00	L.S.
202796	REMOVAL & DISPOSAL NAVIGATION LIGHTING	1.00	L.S.
202797	REMOVAL AND DISP OF OBSTRUCTION LIGHTING	1.00	L.S.
207011	STONE BACKFILL	50.00	TON
215011	TRENCH.AND SHOULDER PREP.	5.00	STA
303117	AGGR.BASE COURSE(CLASS 7)	83.00	TON
309510	P.C.CONCRETE BASE-10"	117.00	SQYD
401011	TACK COAT	513.00	GAL
407162	MA IN ACHM SURFACE(1/2")	538.00	TON
407452	AB(PG76-22)ACHM SURF(1/2")	34.00	TON
412002	COLD MILLING ASPHALT PVMT.	4,930.00	SQYD
414011	ASPH.CONC.PATCH-MAINT.	5.00	TON
415011	ACHM PATCH.EXIST.RDWY.	25.00	TON
504031	APPROACH SLABS	94.80	CUYD
504264	APPROACH GUTTERS	18.84	CUYD
507229	P.C.C.P. PATCH-9"	32.00	SQYD
601001	MOBILIZATION	1.00	L.S.
602011	FURNISHING FIELD OFFICE	1.00	EACH
603010	MAINTENANCE OF TRAFFIC	1.00	L.S.
603012	TRAFFIC CONTROL SUPERVISOR	1.00	L.S.
604003	SIGNS	612.00	SQFT
604010	CONST PROJ INFO SIGN UPDATE	4.00	EACH
604013	BARRICADES	80.00	LF
604023	TRAFFIC DRUMS	31.00	EACH
604031	FURN.&INSTL.PRCST.CONC.BARR.	5,266.00	LF
604036	RELO.PRECAST CONCRETE BARRIER	8,466.00	LF
604041	CONST.PAVEMENT MARKINGS	25,297.00	LF
604051	REMOVABLE CONST.PVMT.MRK.	8,822.00	LF

604061	REMOVAL OF PERM.PVMT.MRK.	800.00	LF
604083	VERTICAL PANELS	158.00	EACH
604094	MOTORIST ASSISTANCE PATROL	1.00	L.S.
604098	WRECKER SERVICE	1.00	L.S.
604100	PORTABLE CAMERA TRAILER	2.00	EACH
604103	DEVICE RELOCATION	4.00	EACH
604106	FURN. & INSTL. VARIABLE MESSAGE SIGN	1.00	EACH
604111	VMSS MOBILIZATION	1.00	L.S.
604112	VMSS OPERATION	36.00	MNTH
604115	WARNING SIGN WITH FLASHING BEACON	6.00	EACH
604161	FURNISH & INSTALL BARRIER (SPECIAL	240.00	LF
604162	RELOCATE PRECAST BARRIER (SPECIAL)	240.00	LF
617005	GUARDRAIL (TYPE A)	1,450.00	LF
617312	GUARDRAIL TERMINAL (TYPE 2)	2.00	EACH
617332	THRIE BEAM GUARDRAIL TERMINAL	2.00	EACH
620001	LIME	1.00	TON
620011	SEEDING	0.50	ACRE
620022	MULCH COVER	1.00	ACRE
620030	WATER	61.20	MGAL
621001	TEMPORARY SEEDING	0.50	ACRE
621111	SEDIMENT REMOVAL & DISPOSAL	12.00	CUYD
621151	ROCK DITCH CHECKS	18.00	CUYD
621168	FILTER SOCK (12")	1,584.00	LF
621173	WATTLE (20")	54.00	LF
623001	SECOND SEEDING APPLICATION	0.50	ACRE
625009	GEOTEXTILE FABRIC (TYPE 9)	33.00	SQYD
701252	EQUIPMENT CABINET, TYPE B	3.00	EACH
701603	PORTABLE TRAFFIC SIGNAL SYSTEM-ACTUATED	156.00	WEEK
701722	ETHERNET SWITCH, T100 HARDENED (8-PORT)	7.00	EACH
701751	E-NET CABLE (EXTERIOR CAT 5E)	1,340.00	LF
702094	CELLULAR MODEM	7.00	EACH
702405	TRAFFIC TIMER - COUNTDOWN	156.00	WEEK
704410	ROAD WEATHER INFORMATION SYSTEM	2.00	EACH
704411	PTZ CAMERA SYSTEM	16.00	EACH
708251	ELEC. COND.-IN-CONDUIT(3C/8 AWG EGC)	8,260.00	LF
709034	GALVANIZED STEEL CONDUIT (2")	8,260.00	LF
719002	THERMO.PVMT.MARK.WH(6")	13,015.00	LF
719102	THERMO.PVMT.MARK.YL(6")	12,282.00	LF
719201	THERMO.PVMT.MARK.(WORD)	2.00	EACH
719202	THERMO.PVMT.MARK.(ARROW)	4.00	EACH
721002	RAISED PAVEMENT MARKERS-2	98.00	EACH
724401	BRIDGE POST MOUNTED SIGN SUPPORT	2.00	EACH
725011	G.SIGN-ROADSIDE MOUNTED(D.A.L)	215.00	SQFT
728031	BARRIER WALL DELINEATOR	2,080.00	EACH
731071	TEMP. IMPACT ATTEN. BARR.	8.00	EACH
731072	TEMP. IMPACT ATTEN. BARRIER (REPAIR)	16.00	EACH
731075	TEMP. IMPACT ATTENUATION BARRIER (RELO)	64.00	EACH
800101	TEMPORARY FALSEWORK (SITE NO. 1)	1.00	L.S.
800201	BRIDGE JACKING (SITE NO. 1)	1.00	L.S.
802112	CLASS S CONCRETE-BRIDGE	11.80	CUYD
802122	CLASS S(AE) CONCRETE-BRIDGE	2.50	CUYD
802207	LIGHTWEIGHT AGGREGATE CONCRETE (AE)	2,552.20	CUYD
803004	CLASS 2 PROTECTIVE SURFACE TREATMENT	2,309.80	SQYD
804004	REINFORCING STEEL-ROADWAY (GRADE 60)	12,536.00	LB

804015	LCCR RE-STEEL-BRIDGE (GRADE 100)	413,880.00	LB
804023	EPOXY COAT.REINF.STEEL-GR 60	115,180.00	LB
807230	STR STEEL IN GIRDER SPANS (A709 GR36)	33,630.00	LB
807234	STR.ST.PL.GRD.SPN(A709,GR50W)	3,720.00	LB
807244	STR STEEL IN TRUSS SPANS (A709 GR36)	267,350.00	LB
807245	STR STEEL IN TRUSS SPANS (A709 GR50W)	3,870.00	LB
807281	REPAIR TYPE A: FLOOR BEAM TOP FLANGE	1.00	EACH
807282	REPAIR TYPE B: FLOOR BEAM BOTTOM FLANGE	11.00	EACH
807283	REPAIR TYPE C: FLOOR BEAM WEB	10.00	EACH
807284	REPAIR TYPE D: FLOOR BEAM STIFFENER	48.00	EACH
807285	REPAIR E: STRINGER PIN AND HANGER	9.00	EACH
807286	REPAIR F: RIVET REPLACEMENTS	550.00	EACH
807287	REPAIR G: STRINGER CONNECT ANGLE	2.00	EACH
807288	REPAIR H: CROSS BEAM REPLACEMENT	51.00	EACH
807400	CRACK ARREST HOLE	1.00	EACH
808002	ELASTOMERIC BEARINGS	5,722.00	CUIN
810030	PREFORMED SILICONE JOINT	596.00	LF
820012	CL&PAINT EXST.STR.STEEL-TY 2	6,484.00	TON
820071	DISP.OF HAZ.WASTE-SITE 1	1.00	L.S.
821001	MOD.EXISTING BR.STR(BR NO 02899)	1.00	L.S.
821072	SHORING (SITE NO. 1)	1.00	L.S.
821300	SHORING TYPE 1: MAIN TRUSS SPAN	1.00	L.S.
821301	SHORING 2: MAIN TRUSS WIND LOCK	1.00	L.S.
821302	SHORING 3: MAIN TRUSS STRINGER	1.00	L.S.
821303	SHORING 4: APPROACH SPAN FLOOR BEAM	1.00	L.S.
821304	SHORING 5: APPROACH SPAN WIND LOCK	1.00	L.S.
822011	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS	2,923.90	SQFT
822020	POLYMER OVERLAY	16,167.00	SQYD

THIS PROPOSAL CONTAINS THE JOB SPECIAL PROVISION "SITE USE (A+C METHOD)-CALENDAR DAY CONTRACT" FOR BIDDING IN WHICH THE BIDDER WILL DETERMINE THE NUMBER OF CALENDAR DAYS TO COMPLETE THE PROJECT.

THE NUMBER OF TRAINEES REQUIRED FOR THIS PROJECT IS 3.