



Matthew G. Bevin
Governor

**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Greg Thomas
Secretary

July 25, 2019

CALL NO. 206
CONTRACT ID NO. 191034
ADDENDUM # 2

Subject: MENIFEE COUNTY, 083GR19D034-FH FLAP
Letting July 26, 2019

- (1) Revised - Material Summary - Pages 95-97 of 140
- (2) Revised - Proposal Bid Items - Pages 139-140 of 140
- (3) Revised - Plan Sheets - Page R2A

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

MATERIAL SUMMARY

CONTRACT ID: 191034

083GR19D034-FH FLAP

DE08312741934

KY-1274 ROCKFALL SLOPE IMPROVEMENTS ALONG KY-1274 NORTH OF THE LONG BOW BOAT RAMP IN MENIFEE COUNTY ROCKFALL MITIGATION, A DISTANCE OF .25 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00020	TRAFFIC BOUND BASE	7.00	TON
0010	00078	CRUSHED AGGREGATE SIZE NO 2	200.00	TON
0015	00100	ASPHALT SEAL AGGREGATE	24.00	TON
0020	00103	ASPHALT SEAL COAT	3.00	TON
0025	00190	LEVELING & WEDGING PG64-22	96.00	TON
0030	00301	CL2 ASPH SURF 0.38D PG64-22	286.00	TON
0035	00356	ASPHALT MATERIAL FOR TACK	2.00	TON
0040	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	5.00	EACH
0045	02014	BARRICADE-TYPE III	4.00	EACH
0050	02159	TEMP DITCH	2,600.00	LF
0055	02200	ROADWAY EXCAVATION	231,659.50	CUYD
0060	02242	WATER	25.00	MGAL
0065	02268	REMOVE & REPLACE FENCE	15.00	LF
0070	02351	GUARDRAIL-STEEL W BEAM-S FACE	237.50	LF
0075	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0080	02367	GUARDRAIL END TREATMENT TYPE 1	1.00	EACH
0085	02381	REMOVE GUARDRAIL	237.50	LF
0090	02429	RIGHT-OF-WAY MONUMENT TYPE 1	4.00	EACH
0095	02432	WITNESS POST	3.00	EACH
0100	02545	CLEARING AND GRUBBING - 6 ACRES 10-372.00	1.00	LS
0105	02562	TEMPORARY SIGNS	800.00	SQFT
0110	02585	EDGE KEY	48.00	LF
0115	02650	MAINTAIN & CONTROL TRAFFIC - 10-372	1.00	LS
0120	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0125	02697	EDGELINE RUMBLE STRIPS	2,600.00	LF
0130	02701	TEMP SILT FENCE	1,650.00	LF
0135	02703	SILT TRAP TYPE A	7.00	EACH
0140	02704	SILT TRAP TYPE B	7.00	EACH
0145	02705	SILT TRAP TYPE C	7.00	EACH
0150	02706	CLEAN SILT TRAP TYPE A	7.00	EACH
0155	02707	CLEAN SILT TRAP TYPE B	7.00	EACH
0160	02708	CLEAN SILT TRAP TYPE C	7.00	EACH
0165	02726	STAKING - 10-372.00	1.00	LS
0170	05950	EROSION CONTROL BLANKET	1,050.00	SQYD
0175	05963	INITIAL FERTILIZER	1.00	TON
0180	05964	MAINTENANCE FERTILIZER - (REVISED: 7-25-19)	1.00	TON
0185	05985	SEEDING AND PROTECTION	1,050.00	SQYD
0190	05992	AGRICULTURAL LIMESTONE	18.00	TON
0195	06510	PAVE STRIPING-TEMP PAINT-4 IN	5,200.00	LF
0200	06514	PAVE STRIPING-PERM PAINT-4 IN	5,200.00	LF
0205	10020NS	FUEL ADJUSTMENT	42,459.00	DOLL
0210	24909ED	TEMPORARY EARTH PAD	2,150.00	CUYD
0215	20071EC	JOINT ADHESIVE	1,300.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0220	20191ED	OBJECT MARKER TY 3	1.00	EACH
0225	00440	ENTRANCE PIPE-15 IN	52.00	LF
0230	01202	PIPE CULVERT HEADWALL-15 IN	1.00	EACH
0235	01380	METAL END SECTION TY 2-15 IN	1.00	EACH
0240	02484	CHANNEL LINING CLASS III	12.00	TON
0245	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	55.00	SQYD
0250	02568	MOBILIZATION	1.00	LS
0255	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 191034

083GR19D034-FH FLAP

DE08312741935

KY 1274 ROCKFALL SLOPE IMPROVEMENTS ALONG KY-1274 SOUTH OF THE MENEFFEE/ROWAN COUNTY LINE ROCKFALL MITIGATION, A DISTANCE OF .83 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0260	00020	TRAFFIC BOUND BASE	2,093.00	TON
0265	00190	LEVELING & WEDGING PG64-22	100.00	TON
0270	00212	CL2 ASPH BASE 1.00D PG64-22	65.00	TON
0275	00301	CL2 ASPH SURF 0.38D PG64-22	950.00	TON
0280	00356	ASPHALT MATERIAL FOR TACK	4.82	TON
0285	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	25.00	EACH
0290	02014	BARRICADE-TYPE III	4.00	EACH
0295	02159	TEMP DITCH	1,650.00	LF
0300	02160	CLEAN TEMP DITCH	1,650.00	LF
0305	02200	ROADWAY EXCAVATION	369,811.00	CUYD
0310	02242	WATER	5.00	MGAL
0315	02351	GUARDRAIL-STEEL W BEAM-S FACE	2,162.50	LF
0320	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0325	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH
0330	02381	REMOVE GUARDRAIL	2,237.50	LF
0335	02391	GUARDRAIL END TREATMENT TYPE 4A	2.00	EACH
0340	02545	CLEARING AND GRUBBING - 33.84 ACRES 10-373.00	1.00	LS
0345	02562	TEMPORARY SIGNS	649.20	SQFT
0350	02585	EDGE KEY	47.00	LF
0355	02650	MAINTAIN & CONTROL TRAFFIC - 10-373.00	1.00	LS
0360	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0365	02701	TEMP SILT FENCE	1,650.00	LF
0370	02703	SILT TRAP TYPE A	26.00	EACH
0375	02704	SILT TRAP TYPE B	26.00	EACH
0380	02705	SILT TRAP TYPE C	26.00	EACH
0385	02706	CLEAN SILT TRAP TYPE A	26.00	EACH
0390	02707	CLEAN SILT TRAP TYPE B	26.00	EACH
0395	02708	CLEAN SILT TRAP TYPE C	26.00	EACH
0400	02726	STAKING - 10-373.00	1.00	LS
0405	05950	EROSION CONTROL BLANKET	9,100.00	SQYD
0410	05952	TEMP MULCH	84,500.00	SQYD
0415	05953	TEMP SEEDING AND PROTECTION	63,375.00	SQYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0420	05963	INITIAL FERTILIZER	1.50	TON
0425	05964	MAINTENANCE FERTILIZER - (REVISED: 7-25-19)	2.50	TON
0430	05985	SEEDING AND PROTECTION	48,279.00	SQYD
0435	05992	AGRICULTURAL LIMESTONE	30.00	TON
0440	06510	PAVE STRIPING-TEMP PAINT-4 IN	14,750.00	LF
0445	06514	PAVE STRIPING-PERM PAINT-4 IN	29,500.00	LF
0450	20191ED	OBJECT MARKER TY 3	2.00	EACH
0455	24909ED	TEMPORARY EARTH PAD	8,460.00	CUYD
0460	10020NS	FUEL ADJUSTMENT	63,959.00	DOLL
0465	20071EC	JOINT ADHESIVE	3,300.00	LF
0470	00462	CULVERT PIPE-18 IN	9.00	LF
0475	00464	CULVERT PIPE-24 IN	19.00	LF
0480	00471	CULVERT PIPE-54 IN	250.00	LF
0485	01451	S & F BOX INLET-OUTLET-24 IN	2.00	EACH
0490	01651	JUNCTION BOX-MOD	2.00	EACH
0495	01726	SAFETY BOX INLET-18 IN SDB-1	1.00	EACH
0500	01727	SAFETY BOX INLET-24 IN SDB-1	2.00	EACH
0505	02219	PIPE UNDERCUT	175.00	CUYD
0510	02488	CHANNEL LINING CLASS IV	70.00	CUYD
0515	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	500.00	SQYD
0520	08100	CONCRETE-CLASS A	4.25	CUYD
0525	24026EC	PIPE CULVERT HEADWALL-54 IN	1.00	EACH
0530	02568	MOBILIZATION	1.00	LS
0535	02569	DEMOBILIZATION	1.00	LS

PROPOSAL BID ITEMS

191034

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Report Date 7/25/19

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00020		TRAFFIC BOUND BASE	2,100.00	TON		\$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	200.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	24.00	TON		\$	
0040	00103		ASPHALT SEAL COAT	3.00	TON		\$	
0050	00190		LEVELING & WEDGING PG64-22	196.00	TON		\$	
0060	00212		CL2 ASPH BASE 1.00D PG64-22	65.00	TON		\$	
0070	00301		CL2 ASPH SURF 0.38D PG64-22	1,236.00	TON		\$	
0080	00356		ASPHALT MATERIAL FOR TACK	6.82	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0090	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	30.00	EACH		\$	
0100	02014		BARRICADE-TYPE III	8.00	EACH		\$	
0110	02159		TEMP DITCH	4,250.00	LF		\$	
0120	02160		CLEAN TEMP DITCH	1,650.00	LF		\$	
0130	02200		ROADWAY EXCAVATION	601,470.50	CUYD		\$	
0140	02242		WATER	30.00	MGAL		\$	
0150	02268		REMOVE & REPLACE FENCE	15.00	LF		\$	
0160	02351		GUARDRAIL-STEEL W BEAM-S FACE	2,400.00	LF		\$	
0170	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
0180	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH		\$	
0190	02367		GUARDRAIL END TREATMENT TYPE 1	1.00	EACH		\$	
0200	02381		REMOVE GUARDRAIL	2,475.00	LF		\$	
0210	02391		GUARDRAIL END TREATMENT TYPE 4A	2.00	EACH		\$	
0220	02429		RIGHT-OF-WAY MONUMENT TYPE 1	4.00	EACH		\$	
0230	02432		WITNESS POST	3.00	EACH		\$	
0240	02545		CLEARING AND GRUBBING 33.84 ACRES 10-373.00	1.00	LS		\$	
0250	02545		CLEARING AND GRUBBING 6 ACRES 10-372.00	1.00	LS		\$	
0260	02562		TEMPORARY SIGNS	1,449.20	SQFT		\$	
0270	02585		EDGE KEY	95.00	LF		\$	
0280	02650		MAINTAIN & CONTROL TRAFFIC 10-372	1.00	LS		\$	
0290	02650		MAINTAIN & CONTROL TRAFFIC 10-373.00	1.00	LS		\$	
0300	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0310	02697		EDGELINE RUMBLE STRIPS	2,600.00	LF		\$	
0320	02701		TEMP SILT FENCE	3,300.00	LF		\$	
0330	02703		SILT TRAP TYPE A	33.00	EACH		\$	
0340	02704		SILT TRAP TYPE B	33.00	EACH		\$	
0350	02705		SILT TRAP TYPE C	33.00	EACH		\$	
0360	02706		CLEAN SILT TRAP TYPE A	33.00	EACH		\$	
0370	02707		CLEAN SILT TRAP TYPE B	33.00	EACH		\$	

PROPOSAL BID ITEMS

191034

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Report Date 7/25/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0380	02708		CLEAN SILT TRAP TYPE C	33.00	EACH		\$	
0390	02726		STAKING 10-372.00	1.00	LS		\$	
0400	02726		STAKING 10-373.00	1.00	LS		\$	
0410	05950		EROSION CONTROL BLANKET	10,150.00	SQYD		\$	
0420	05952		TEMP MULCH	84,500.00	SQYD		\$	
0430	05953		TEMP SEEDING AND PROTECTION	63,375.00	SQYD		\$	
0440	05963		INITIAL FERTILIZER	2.50	TON		\$	
0450	05964		MAINTENANCE FERTILIZER (REVISED: 7-25-19)	3.50	TON		\$	
0460	05985		SEEDING AND PROTECTION	49,329.00	SQYD		\$	
0470	05992		AGRICULTURAL LIMESTONE	48.00	TON		\$	
0480	06510		PAVE STRIPING-TEMP PAINT-4 IN	19,950.00	LF		\$	
0490	06514		PAVE STRIPING-PERM PAINT-4 IN	34,700.00	LF		\$	
0500	10020NS		FUEL ADJUSTMENT	106,418.00	DOLL	\$1.00	\$	\$106,418.00
0510	20071EC		JOINT ADHESIVE	4,600.00	LF		\$	
0520	20191ED		OBJECT MARKER TY 3	3.00	EACH		\$	
0530	24909ED		TEMPORARY EARTH PAD	10,610.00	CUYD		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0540	00440		ENTRANCE PIPE-15 IN	52.00	LF		\$	
0550	00462		CULVERT PIPE-18 IN	9.00	LF		\$	
0560	00464		CULVERT PIPE-24 IN	19.00	LF		\$	
0570	00471		CULVERT PIPE-54 IN	250.00	LF		\$	
0580	01202		PIPE CULVERT HEADWALL-15 IN	1.00	EACH		\$	
0590	01380		METAL END SECTION TY 2-15 IN	1.00	EACH		\$	
0600	01451		S & F BOX INLET-OUTLET-24 IN	2.00	EACH		\$	
0610	01651		JUNCTION BOX-MOD	2.00	EACH		\$	
0620	01726		SAFETY BOX INLET-18 IN SDB-1	1.00	EACH		\$	
0630	01727		SAFETY BOX INLET-24 IN SDB-1	2.00	EACH		\$	
0640	02219		PIPE UNDERCUT	175.00	CUYD		\$	
0650	02484		CHANNEL LINING CLASS III	12.00	TON		\$	
0660	02488		CHANNEL LINING CLASS IV	70.00	CUYD		\$	
0670	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	555.00	SQYD	\$2.00	\$	\$1,110.00
0680	08100		CONCRETE-CLASS A	4.25	CUYD		\$	
0690	24026EC		PIPE CULVERT HEADWALL-54 IN	1.00	EACH		\$	

Section: 0004 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0700	02568		MOBILIZATION	1.00	LS		\$	
0710	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

PAVING SUMMARY

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
1987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	EACH	5
2014	BARRICADE-TYPE III	EACH	4
2159	TEMPORARY DITCH	LIN FT	2600
2200	ROADWAY EXCAVATION	CU YD	231,659.5
2242	WATER ③	M GAL	25
2268	REMOVE AND REPLACE FENCE	LIN FT	15
2351	GUARDRAIL-STEEL"W/BEAM-S FACE	LIN FT	237.5
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	1
2367	GUARDRAIL END TREATMENT TY 1	EACH	1
2381	REMOVE GUARDRAIL ⑩	LIN FT	237.5
2429	RIGHT-OF-WAY MONUMENT TYPE I	EACH	4
2432	WITNESS POST	EACH	3
2545	CLEARING AND GRUBBING ⑫	LP SUM	1
2562	TEMPORARY SIGN ⑪	SO FT	800
2568	MOBILIZATION	LP SUM	1
2569	DEMobilIZATION	LP SUM	1
2585	EDGE KEY	LIN FT	48
2650	MAINTAIN & CONTROL TRAFFIC	LP SUM	1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2
2697	EDGE LINE RUMBLE STRIP	LIN FT	2600
2701	TEMPORARY SILT FENCE	LIN FT	1650
2703	SILT TRAP TYPE A	EACH	7
2704	SILT TRAP TYPE B	EACH	7
2705	SILT TRAP TYPE C	EACH	7
2706	CLEAN SILT TRAP TYPE A	EACH	7
2707	CLEAN SILT TRAP TYPE B	EACH	7
2708	CLEAN SILT TRAP TYPE C	EACH	7
2726	STAKING	LP SUM	1
5950	EROSION CONTROL BLANKET	SO YD	1050
5963	INITIAL FERTILIZER	TON	1
5964	MAINTENANCE FERTILIZER	TON	1
5985	SEEDING & PROTECTION	SO YD	1050
5992	AGRICULTURE LIMESTONE	TON	18
6510	PAVE STRIPING-4" TEMPORARY	LIN FT	5200
6514	PAVE STRIPING-4" PERMANENT	LIN FT	5200
10020NS	FUEL ADJUSTMENT	DOLLAR	42459
24909ED	TEMPORARY EARTH PAD ⑬	CUYD	2150
2007IEC	JOINT ADHESIVE	LIN FT	1300
2019IED	OBJECT MARKER TY 3	EACH	1

PIPE DRAINAGE SUMMARY

SHEET NO.	SKEW		ENTRANCE		PIPE 15 IN		PIPE CULVERT		HDWL 15 IN		METAL END SECTION TY 2		CHANNEL LINING CLASS III		FABRIC-GEOTEXTILE TYPE IV FOR PIPE	
ITEM CODE	440	1202	1380	2484	2600											
UNIT TO BID	LIN. FT.	EACH	EACH	TON	SO. YD.											
R3A	ENT PIPE. LT STA. 109+75	52	1	12	55											
TOTAL PROJECT																

ITEM CODE	ITEM	UNIT	TOTAL PROJECT
20	TRAFFIC BOUND BASE	TON	7
78	CRUSHED AGGREGATE SIZE NO. 2 ⑥	TON	200
100	ASPHALT SEAL AGGREGATE ⑤	TON	24
103	ASPHALT SEAL COAT ⑥	TON	3
190	LEVELING & WEDGING PG64-22	TON	96
301	CL2 ASPH SURF 0.380 PG64-22	TON	286
356	ASPHALT MATERIAL FOR TACK ④	TON	2

PAVING AREAS

ITEM	S Q U A R E Y A R D S		TOTAL PROJECT
1.25 IN TRAFFIC BOUND BASE			88
ASPHALT SEAL AGGREGATE ⑦			2312
ASPHALT SEAL COAT ⑦			2312
0.50 INCH LEVELING & WEDGING PG64-22			3467
1.50 INCH CL2 ASPH SURF 0.380 PG64-22			3467
ASPHALT MATERIAL FOR TACK			3467

REVISIED 7-25-2019

NOTES

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ESTIMATED AT 100 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ③ ESTIMATED AT 95 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ④ ESTIMATED AT 0.84 LBS. PER SQ. YD.
- ⑤ ESTIMATED AT 20 LBS. PER SQ. YD (SIZE NO. 8 OR 9M).
- ⑥ ESTIMATED AT 2.40 LBS. PER SQ YD.
- ⑦ AREAS SHOWN REPRESENT TWO APPLICATIONS.
- ⑧ FOR MAINTAINING ACCESS TO WASTE SITE.

PROJECT EARTHWORK ⑭
 CU, YDS.
 COM EXC 17822.2
 ROCK EXC 213,837.3
 TOTAL RDWY EXCAVATION 231,659.5
 TOTAL RDWY EMBANKMENT 850.4

- ⑨ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.
- ⑩ TO BE SALVAGED AND DELIVERED TO THE BAILEY BRIDGE YARD, FRANKFORT, OR DISTRICT YARD AS DJRECTED BY THE ENGINEER.
- ⑪ FOR DETOUR AND MAINTENANCE OF TRAFFIC
- ⑫ APPROX. 6 ACRES. THIS BID ITEM INCLUDES REMOVAL OF ANY TREES PREVIOUSLY CUT AND REMAINING ON RIGHT-OF-WAY DUE TO UTILITY COMPANIES' CLEARING ACTIVITIES.
- ⑬ ANY ASPHALT OR CONCRETE SURFACE USED AS RIDING SURFACE FOR CONSTRUCTION EQUIPMENT AND EXPOSED TO FALLING ROCKS FROM BLASTING SHALL BE COVERED WITH TWO FOOT OF TEMPORARY EARTH PAD (TOPSOIL) PRIOR TO ANY ROCK BLASTING OPERATION. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE THE TOPSOIL TO THE SATISFACTION OF THE ENGINEER. ALL LABOR, EQUIPMENT AND ALL OTHER ITEMS NECESSARY TO PLACE AND REMOVE THE TOPSOIL ARE INCIDENTAL TO THE BID ITEM "TEMPORARY EARTH PAD".
- ⑭ ESTIMATES FOR EARTHWORK CALCULATIONS FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITIES.