DERIVATION OF COST PROPOSAL

	CONTROL SECTION(S) - JOB NUMBER(S)			PROJECT DESCRIPTION							
NA				Ann Arbor Station Preliminary Engineering Services							
SUBCONSULTANT N	NAME			1				<u>, , , , , , , , , , , , , , , , , , , </u>			
S <u>m</u> ithGroupJJR	9.22.16										
DIRECT LABOR	:										
CLASSIFICATION				Hours	;	х	Нο	urly Rate	=		Labor Cost
Sr. Landscape Arcl	hitect I			rioure	220	Α	\$	46.76		\$	10,287.20
Sr. Landscape Arcl					340		\$	38.90		\$	13,226.0
Landscape Archite					510		\$	22.03		\$	11,235.3
Landscape Archite					0		\$	-		\$	-
Sr. Civil Engineer I					240		\$	76.50		\$	18,360.00
Civil Engineer I					510		\$	31.07		\$	15,845.70
Environmental					80		\$	32.77		\$	2,621.60
Survey I					184		\$	44.90		\$	8,261.60
Survey II					224		\$	31.70		\$	7,100.80
CAD/Technical					200		\$	31.07		\$	6,214.00
Clerical					120		\$	21.97		\$	2,636.40
ololioa.			Total Hours		2628		Ψ	21.07	Total Labor	\$	95,788.60
OVERHEAD											
OVERHEAD Rate _	170.41%	Total Lab	or x Overhead Rate	\$ 163,23	3.35			Total	Overhead	\$	163,233.35
										_	
FACILITIES CAP	PITAL COST	OF MONEY	:								
F.C.C.M. Rate	0.00%		: or x F.C.C.M. Rate	\$	<u>-</u>			Total	F.C.C.M.	\$	-
F.C.C.M. Rate	0.00%	Total Lab	or x F.C.C.M. Rate		<u>-</u>			Total	F.C.C.M.	\$	
F.C.C.M. Rate	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate	JP	<u>-</u>	x			F.C.C.M.		- Direct Cost
F.C.C.M. Rate DIRECT EXPENS	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU		- ty 200	×	\$	Total Rate 0.50			Direct Cost
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit	JP		x	\$	Rate			100.0
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage Printing (plots)	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile	JP	200	x	\$ \$ \$	Rate 0.50		\$	100.00 3,000.00
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage Printing (plots) Printing (handouts)	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36	JP	200 200	x	\$ \$	Rate 0.50 15.00		\$ \$	100.00 3,000.00 400.00
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage Printing (plots) Printing (handouts) Survey Research	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11	JP	200 200 400	×	\$ \$ \$	Rate 0.50 15.00 1.00		\$ \$	100.00 3,000.00 400.00 300.00
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage Printing (plots) Printing (handouts) Survey Research Rail Coordination (0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11 lump sum	JP	200 200 400 1	x	\$ \$ \$	Rate 0.50 15.00 1.00 300.00		\$ \$ \$	100.00 3,000.00 400.00 300.00 20,000.00
F.C.C.M. Rate DIRECT EXPENSE TYPE OF EXPENSE Milage Printing (plots) Printing (handouts) Survey Research Rail Coordination (0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11 lump sum days	JP	200 200 400 1 20	x	\$ \$ \$	Rate 0.50 15.00 1.00 300.00 1,000.00		\$ \$ \$ \$	100.00 3,000.00 400.00 300.00 20,000.00
F.C.C.M. Rate DIRECT EXPENSE TYPE OF EXPENSE Milage Printing (plots) Printing (handouts) Survey Research Rail Coordination (0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11 lump sum days	JP	200 200 400 1 20 1	x	\$ \$ \$ \$	Rate 0.50 15.00 1.00 300.00 1,000.00 2,000.00		\$ \$ \$ \$ \$ \$	100.00 3,000.00 400.00 300.00 20,000.00 2,000.00
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage Printing (plots) Printing (handouts) Survey Research Rail Coordination (indisc (room charges)	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11 lump sum days	JP	200 200 400 1 20 1	x	\$ \$ \$ \$	Rate 0.50 15.00 1.00 300.00 1,000.00 2,000.00	=	\$ \$ \$ \$ \$ \$ \$	100.00 3,000.00 400.00 300.00 20,000.00 2,000.00
	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11 lump sum days	JP	200 200 400 1 20 1	x	\$ \$ \$ \$	Rate 0.50 15.00 1.00 300.00 1,000.00 2,000.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$	100.00 3,000.00 400.00 300.00 20,000.00 2,000.00
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage Printing (plots) Printing (handouts) Survey Research Rail Coordination (indisc (room charges)	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11 lump sum days	JP	200 200 400 1 20 1	x	\$ \$ \$ \$	Rate 0.50 15.00 1.00 300.00 1,000.00 2,000.00	=	\$ \$ \$ \$ \$ \$ \$	100.00 3,000.00 400.00 300.00 20,000.00 2,000.00
F.C.C.M. Rate DIRECT EXPENS TYPE OF EXPENSE Milage Printing (plots) Printing (handouts) Survey Research Rail Coordination (indisc (room charges)	0.00% SES: List by it	Total Lab	or x F.C.C.M. Rate Cost - NO MARKU Unit mile 24x36 81/2x11 lump sum days	JP	200 200 400 1 20 1	x	\$ \$ \$ \$ \$ \$	Rate 0.50 15.00 1.00 300.00 1,000.00 2,000.00	= Direct	\$ \$ \$ \$ \$ \$ \$ \$ \$	Direct Cost 100.00 3,000.00 400.00 300.00 20,000.00 - 25,800.00

FIXED FEE FOR PROFIT:

DERIVATION OF COST PROPOSAL

CONTROL SECTION(S) - JOB NUMBER(S)	PROJECT DESCRIPTION	PROJECT DESCRIPTION					
NA	Ann Arbor Station Prelimin	Ann Arbor Station Preliminary Engineering Services					
SUBCONSULTANT NAME							
SmithGroupJJR 9.22.16							
	(Total Labor + Total Overhead) x 11% =	Total Fixed Fee	\$ 28,492.41				
		TOTAL COSTS	\$ 313.314.37				