



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

November 17, 2017

Ace Asphalt
3030 S. 7th Street
Phoenix, AZ 85040-1163

ATTN: Ron Erickson

RE: PROPOSAL FOR TOPOGRAPHIC SURVEY, DESIGN
AND CONSTRUCTION ADMINISTRATION FOR
ECHO MOUNTAIN INTERMEDIATE SCHOOL BUS DROP

Dear Ron,

Thank you for the opportunity to submit a proposal for the above-referenced project. We see our scope of services and associated fees as follows:

A. TOPOGRAPHIC SURVEY

Perform topographic survey of area. Field acquire locations and elevations of existing improvements within the survey area. Finish grades will be obtained at 50-foot intervals and grade breaks. Above ground utility locations will be shown on the drawings. Trees, shrubs and groundcover will not be located.

FEE: \$ 1,220.00

B. PAVEMENT REPLACEMENT PLAN

Analyses, design and preparation of plans for the replacement of the pavement in the parking lots, bus drop and firelanes per the sketched provided by Ace Asphalt. Design includes onsite paving, striping and signing.

FEE: \$ 1,560.00

C. MATERIAL TESTING (BY RAMM)

Ricker, Atkinson, McBee, Morman & Associates will perform material testing for the project. The proposal from RAMM is attached for your review.

FEE: \$ 1,023.00

D. CONSTRUCTION ADMINISTRATION

We will provide three (3) quality control inspections to monitor the construction. We will provide one inspection during the proof roll of the ABC, an inspection during the paving and a final inspection. Field reports will be provided for each inspection. We will review all civil related submittals and requests for information. Additional inspections if needed can be done as an additional service at a cost of \$280 per inspection.

FEE: \$ 1,280.00

SUMMARY

A.	TOPOGRAPHIC SURVEY	\$ 1,220.00
B.	GRADING AND DRAINAGE DESIGN	\$ 1,560.00
C.	MATERIAL TESTING (RAMM)	\$ 1,023.00
D.	CONSTRUCION ADMINISTRATION	<u>\$ 1,280.00</u>
	TOTAL	\$ 5,083.00

This proposal excludes cost estimating, soils report, landscape or irrigation design, any electrical or lighting designs, right-of-way dedications, fire pumps or tanks and any offsite designs except taps, street lights or driveway cuts.

Printing costs for plans and bid documents, and submittals to utility companies and governmental agencies to be paid by Owner. Governmental review fees to be paid by Owner.

Any designs, details, layouts, specifications, etc. prepared by HESS-ROUNTREE, INC. are the exclusive property of HESS-ROUNTREE, INC. and may not be used on any other project without express permission by HESS-ROUNTREE, INC.

Upon acceptance of this agreement/contract, the attached Standard Conditions become a component thereof.

If the above meets with your approval, please sign this proposal, keep a copy for your records and return a copy to us. This Letter of Agreement will constitute our contract.

Sincerely,
HESS-ROUNTREE, INC.



Doug Osborn, P.E., LEED AP
President

DO:sl

APPROVED: _____
NAME TITLE DATE

STANDARD CONDITIONS

1. Attached hourly rates for the Engineer's personnel are valid until December 31, 2017.
2. Construction stakes, lot pins and other items, as indicated in the Proposal, will be provided once for the quoted fee. In the event restaking is required, additional charges will be incurred on the basis of current hourly rates and will be performed upon the written request of the Client or his authorized agent.
3. All drawings, survey notes and other original documents prepared in performing the Engineer's services are and shall remain the property of the Engineer.
4. Neither the Engineer nor the Client shall assign his interest in this agreement without the written consent of the other.
5. The Engineer makes no representations concerning soil conditions for the project and is not responsible for any liability that may arise out of making or failure to make soil surveys, subsurface soil tests or general soil testing.
6. Statements for work performed will be submitted every four weeks in accordance with the percentage of work complete. Payment by the Client to the Engineer is to be made within fifteen (15) days following payment to Client by the Owner. Past due accounts are subject to a monthly service charge of 1-1/2% (18% annual percentage rate), and in the event legal action is necessary for the collection of any sums due under this agreement, the Client agrees to pay reasonable attorney's fees, expert fees and court costs incurred by the Engineer.
7. The Engineer hereby reserves the right to cease work on Client's project at any time Client's account is past due and/or seek payment for the work done to date of such cessation, without liability for damages to Client and without being in breach of this contract.
8. Additional services outside the scope of the attached Proposal shall be provided upon written request of the Client and will be charged to the Client at the Engineer's current hourly rate schedule or an additional contract will be negotiated for services not set forth in this contract.
9. Direct costs for this project to the Engineer are in addition to the indicated fee. No administration fee will be added by the Engineer to these direct costs if they are paid within 25 days after billing. If not paid within 25 days, a 10% administrative fee will be added. Any fees required by governmental authorities or other agencies must be provided by the Client and are not included in the indicated fees.
10. The Engineer shall acquire and maintain statutory worker's compensation insurance coverage, employer's liability and professional liability insurance coverage.
11. The Client agrees to limit the Engineer's liability to the Client and to all construction contractors and subcontractors on the project due to the Engineer's professional negligent acts or errors or omissions such that the total aggregate liability of the Engineer to those named not to exceed total fee for services rendered on the project.

HESS-ROUNTREE, INC.

By: Doug Osborn, P.E., President

DATE

11/17/12

ACE ASPHALT:

AUTHORIZED SIGNATURE

DATE

By:

PRINT NAME

TITLE



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

Doug Osborn, P.E.
President

Russell A. Johnson, R.L.S.
Vice President - Surveying

RATE SCHEDULE
2017

<u>PERSONNEL</u>	<u>HOURLY RATE</u>
Principal	\$ 120.00/hour
Professional Engineer	\$ 110.00/hour
Project Engineer	\$ 100.00/hour
Designer, Technician	\$ 90.00/hour
Registered Land Surveyor	\$ 110.00/hour
Survey Party Chief	\$ 90.00/hour
Inspector	\$ 80.00/hour
Two-Man Field Crew	\$ 120.00/hour
Three-Man Field Crew	\$ 140.00/hour
Head CADD Operator	\$ 80.00/hour
CADD Drafter	\$ 70.00/hour
Junior Drafter	\$ 60.00/hour



RICKER • ATKINSON • McBEE • MORMAN
& ASSOCIATES, INC.

Geotechnical Engineering • Construction Materials Testing
2105 South Hardy Drive, Suite 13, Tempe, AZ 85282
Telephone (480) 921-8100 • Facsimile (480) 921-4081

Hess-Rountree, Inc.
9831 South 51st Street, Suite C-110
Phoenix, Arizona 85044

November 16, 2017

Attn: Doug Osborn, P.E.

Re: Bus Drop Off Repaving
Echo Mountain Intermediate School
1811 East Michigan Avenue
Phoenix, Arizona

RAMM Proposal No. PT17840

Ricker, Atkinson, McBee, Morman & Associates, Inc. is pleased to submit this proposal to conduct Materials Testing Services for the above-referenced project.

The following scope of work and **estimated fee** are based on our experience with similar projects, a description of the project details, and a review of the aerial plan provided. **Charges will be based only on actual time spent and testing performed to provide the services required.**

On this project there will be no minimum charge per trip and no overtime premium for weekday work.

Materials Testing

Pavement Base & Surface: Sampling and compaction testing of existing aggregate base and new asphalt concrete materials in pavement replacement areas. Includes observation of proof-rolling of exposed aggregate base prior to repaving.

	<u>Unit Rates</u>	<u>Amount</u>
12 Hours	\$ 44.00	\$ 528.00
3 Trips	35.00	105.00
1 ABC Standard Proctor	120.00	120.00
1 AC Marshall / Extraction and Gradation	130/140	<u>270.00</u>
	Subtotal	\$ <u>1,023.00</u>

MATERIALS TESTING TOTAL: \$ 1,023.00

Additional lab and field testing charges will apply if remediation of unstable subgrade soils is determined to be necessary during the repaving activities.

Page 2 / RAMM Proposal No. PT17840
Bus Drop Off Repaving – Echo Mountain Intermediate School

Fee includes reports of all test results, transportation, clerical and postage. We look forward to working with you on this project.

Respectfully submitted,
RICKER, ATKINSON, MCBEE, NORMAN & ASSOCIATES, INC.

A handwritten signature in dark ink, appearing to read 'D. Thomas', is written over a faint, circular stamp or watermark.

David A. Thomas, P.E.
Manager, Construction Phase Services

/dat

1. SURFACE EXISTING ASPHALT AND HALL GRT EXCESS MATERIALS ARE CRACK WEATHER CONDITION AND COMPACTED EXISTING A.B.C. THE A.B.C. SHALL BE PROOF ROLLED TO VERIFY COMPACTATION PRIOR TO PAVING. ONCE BASE COURSE HAS BEEN ACCEPTED PAY WITH 3" ASPHALTIC CONCRETE (TYPE 3/4), RESURFACE TO MATCH EXISTING STRIPING.

2. PROTECT EXISTING CURBING.

EXISTING BACK OF CURB ELEVATION

EXISTING CATCH BASIN
EXISTING SANITARY SEWER MANHOLE
PAVEMENT REMOVAL AND REPAVEMENT (3.497 ST)

ECHO MOUNTAIN INTERMEDIATE SCHOOL

PARADISE VALLEY UNIFIED SCHOOL DISTRICT

15002 N. 32ND STREET
PHOENIX, AZ 85032
PHONE: (602) 449-2000

C-1 COVER - GRADING AND DRAINAGE SHEET
C-2 GRADING AND DRAINAGE SHEET

OWNER: _____

PARADISE VALLEY UNIFIED SCHOOL DISTRICT
15002 N. 32ND STREET
PHOENIX, ARIZONA 85251
PHONE: (602) 449-2000

ENGINEER

HESS-ROUNTREE, INC.
9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044
PHONE: (480) 496-0244
FAX: (480) 496-0094
CONTACT: DOUG OSBORN, P.E.

NOT TO SCALE



0 10 20 30 40 50 60

SCALE: 1"=30'



HESS - ROUNTREE, INC.
 CONSULTING ENGINEERS & LAND SURVEYORS
 9601 SOUTH 51ST STREET, SUITE C10
 PHOENIX, ARIZONA 85044
 (480)456-0244

DATE	BY	CHKD	JOH NO
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1. NOTHING CONTAINED IN THE
CREATE. NOR SHALL BE CON

1. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE DESIGN CIVIL ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.

2. THE DESIGN CIVIL ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES,

CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK. THESE ARE SOLE

THE CONTRACTOR'S RESPONSIBILITY. THE DESIGN CIVIL ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

3. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF

CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS, ALLAY DUST, AND TO TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADWAYS AND ON SITE PARKING LOTS/FREE LANES ARE MAINTAINED IN A CLEAN, MUD AND DUST-FREE CONDITION

ALL TIMES,

THE SMALL BUSINESS CONTRACTOR'S REACTION TO THE EXCAVATION AND UTILITY LOCATING ACTS PRIOR TO THE EFFECTIVE DATE OF THE ACTS SHALL BE BASED ON THE BEST INFORMATION AVAILABLE FROM UTILITY RECORDS AND OTHER DATA AS SUPPLIED TO DESIGN CLINIC ENGINEERS. THERE MAY BE OTHER UNDERGROUND UTILITY LINES, SERVICE LINES AND STRUCTURES PRESENT IN SUBJECT AREA. CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF HIRING AN UNDERGROUND UTILITY LOCATING SERVICE FOR THE PURPOSE OF LOCATING ALL UNDERGROUND UTILITY. CONTRACTOR WILL COORDINATE WITH THE OWNER AND ARCHITECT TO DETERMINE WHETHER SAID UTILITIES ARE TO BE ABANDONED OR PROTECTED FROM DAMAGE.

5. THE DESIGN CIVIL ENGINEER MAKES NO REPRESENTATION AS TO GUARANTEE REGARDING THE PATHWORK QUANTITIES OR THE EARTHWORK FOR THIS PROJECT WILL BE DUE TO THE VARYING FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWED GRADING, AND OTHER FACTORS THAT MAY AFFECT THE NECESSITY TO BUILDING THE WORK. THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, EARTHWORK QUANTITIES AND REQUIREMENTS OF THE WORK EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
6. THE CONTRACTOR SHALL ADJUST ALL EXISTING AND NEW CLEANSOUTS, WATER VALVE BOXES, MANHOLES, GAS VALVE BOXES, IRRIGATION BOXES, ETC., IN THE CONSTRUCTION AREA TO MEET THE PROPOSED GRADING. THE CONTRACTOR SHALL FURNISH GRADE PIERCEMENT STUDIES, ETC., TO THE OWNER'S ATTENTION PRIOR TO ANY CONCEPT PAYMENT WITH SHALL BE ISOLATED FROM THE CONCRETE PAVEMENT WITH EXPANSION JOINTS.

7. ALL NEW UNDERGROUND FACILITIES/UTILITIES SHALL BE INSTALLED WITH UTILITY DEPTH REQUIREMENTS AND SHALL BE ATTACHED TO AN ANCHOR PLATE AND BE SECURELY ATTACHED TO EACH UTILITY AT 6 FEET ON CENTER. 12" OF TRACER SHALL BE ACCESSIBLE ABOVE GRADE AT THE TERMINATION SHALL BE SECURELY ATTACHED AT THAT POINT, THE CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH REQUIREMENT IN THEIR BID.

INACCURACY OF CONSTRUCTION STATES SET BY THE DESIGN CIVIL ENGINEER UNLESS ALL SURVEY STAKES SET BY THE DESIGN CIVIL ENGINEER ARE MAINTAINED INTACT AND CANNOT BE VERIFIED AS TO THEIR ORIGIN, ANY REMEDIAL WORK REQUIRED TO CORRECT ANY ITEM OF IMPROPER CONSTRUCTION IN THIS DEVELOPMENT SHALL BE PERFORMED AT THE SOLE EXPENSE OF THE RESPONSIBLE CONTRACTOR OR SUBCONTRACTOR.

ALL NEW PRIVATE UNDERGROUND UTILITIES (WATER LINES 3" AND LARGER, SEWER LINES, FIRE LINES AND STORM DRAIN) SHALL BE BEDED WITH A.B.C. PER MAG SECTION 702. FROM 4" (MIN.) BELOW THE BOTTOM OF THE PIPE TO 12" (MIN.) ABOVE THE TOP OF THE PIPE.

PARADISE VALLEY UNIFIED SCHOOL DISTRICT		
PAYMENT REMOVAL AND REPLACEMENT FOR ECHO MOUNTAIN INTERMEDIATE SCHOOL.		
DRAWING STATUS		
SHEET	OF	
	1	2
	C-1	
DATE	11-20-17	

1. PULVERIZE EXISTING ASPHALT AND HAIL OFF EXCESS MATERIAL. FINE GRADE, MOISTURE CONDITION AND COMPACT EXISTING A.B.C. THE A.B.C. SHALL BE PROOF ROLLED TO VERIFY COMPACTION PRIOR TO PAVING. ONCE BASE COURSE HAS BEEN ACCEPTED, PAVE WITH 3" ASPHALTIC CONCRETE (TYPE 3/4"), RESTRIPE TO MATCH EXISTING STRIPING.

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