SAN LEANDRO UNIFIED SCHOOL DISTRICT
Facilities and Construction - Bond Department

To: Facilities and Technology Committee
Today's Date: 08/05/2020
From: Bond Department
F&T Meeting Date: 08/12/2020
Project Description: New Proposal – LCC Multi-Site Surveying

Bond Measure: N

Rationale: The attached proposal is to perform the topographic surveying work for modular projects at Muir Middle School, Roosevelt Elementary School, and Wilson Elementary School.

Total Fiscal impact: $21,700.00

Contractor/Company on the project: LCC Engineering and Survey, Inc.
Phone: (925) 228-4281
Full Name of person responsible to sign contract: Christine Parks
Email to send contract to for DocuSign: cmp@lcc-inc.com
License #: N/A

Is this a new Company being used?: No

LCC ENGINEERING & SURVEYING, INC.

PRINCIPALS
Randolph W. Leptien
Christine M. Leptien-Parks
Mariam Munshi Virani

FOUNDED 1954
Guenter K. Leptien
Frank J. Cronin
Jasper Cooper

July 19, 2020

San Leandro Unified School District
1145 Aladdin Ave.
San Leandro, CA 94579

Attn: Nick Malve, RGM Kramer

Re: San Leandro Unified School District (SLUSD)
John Muir Middle School
Northwest of Shop Building
Proposal for Surveying and Mapping Services

Dear Mr. Malve,

LCC Engineering & Surveying, Inc. (LCC) is pleased to submit this proposal to provide land surveying and mapping services for the above referenced project.

SCOPE OF SERVICES AND ESTIMATE OF COST AND TIME;

Based on emails with you, we understand that a ground based topographic survey and mapping will be required for future Building and related improvements, which will be located northwest of the existing Shop Building. We have attached an exhibit (provided by the District) showing the limits of the work area for the proposed survey and mapping.

We also understand that another firm will be performing underground utility locating and mapping. LCC will not be responsible for surveying the markings, however we will take several “check shots” so that the locator may incorporate their mapping with ours as seamlessly as possible.

As this project is located well into the District’s property, it is assumed that boundary research and property lines will not be required.

Based on this information, LCC proposes to provide the following services and have also attached the “Estimated Hours and Cost by Task” spreadsheet for items work include herein:

Task 1 – Topographic Surveys and Mapping

LCC will coordinate with SLUSD’s project manager(s) to obtain the final requirements for the supplement survey work. We will perform a ground based topographic survey (1”=10’ scale) or other suitable scale, with 1-foot contours of the existing site area, as follows:

930 Estudillo Street
Martinez, California
94553-1620
(925) 228-4218
(925) 228-4638 fax
www.lcc-inc.com

LCC will establish control points for the surveys and perform a detailed supplemental topographic ground level survey within the limits shown on the attached exhibits. The survey will include locating major topographic features horizontally and vertically such as curbs, sidewalks, flatwork, building walls/corners, poles, signs, lights, trees, planter areas, striping, fences, visible utility boxes, and grates of inlets, and visible utility facilities within the survey limits.

After field survey is completed, LCC will prepare a Topographic Survey Map of the subject site area. The Map of the collected file data will be prepared at 1"=10' scale or other suitable scale on a 24"x36" sheet using AutoCAD software. All collected survey information will be shown with elevations and line work suitable for future design improvement work.

DELIVERABLES

We will provide the District with a PDF plot of the signed survey, and up to two (2) sets of bond copies of 10 scale drawings, along with the electronic CAD files of the base map delivered via email or ftp site. The CAD drawing will be drawn at 1:1 and provided in AutoCAD 3D.

HOURS AND COSTS BY TASKS

A spreadsheet which shows the estimated hours and cost for each of the various subtasks to be performed is attached. The spreadsheet is submitted for information and budget purposes only and the amounts per subtasks are not guaranteed, i.e. the actual amount per subtask may be higher or lower based upon the actual work performed.

HOURLY RATES

Work will be performed at our customary hourly rates per our on-call contract with the District. LCC, Inc. proposes to provide the scope of services described herein on a time and materials basis for a total amount not to exceed the total amount indicated at the bottom of the attached spreadsheet without written authorization.

SCHEDULE

We can begin work within three weeks of receiving a written notice to proceed. We can work with the District to complete all tasks in accordance with the District's schedule as is reasonably possible. We estimate that the field and office mapping will take approximately two weeks to complete. Our schedule will be dependent upon rain delays, and the assumption we will be given reasonable access to the property. LCC will not be responsible for delays in schedule which are not reasonably within their control.

ADDITIONAL SERVICES AND ASSUMPTIONS

Additional services are items that can be provided by LCC, or its subcontractors, but which are not included in the “Scope of Services” outlined above. Additional services will be provided on a “Time and Materials” basis, according to LCC's prevailing “Rate Schedule”, unless a separate agreement for the work is negotiated.

Work items that will be considered “Additional Services” include, but are not limited to the following:

- Boundary Surveys or Mapping
- Aerial Mapping
- Surveying of any kind outside of the work limit line shown on the "Survey Exhibit"
- Reviewing and incorporating comments and mark-ups from the Client after final submittal has been made.
- Underground locating or “Potholing” to locate existing utilities.
- Additional Boundary or Easement work.
- Civil Engineering Services
- Construction Staking

LCC will undertake additional services when requested to do so by the Client. Prior to proceeding with any Additional Services, LCC will send a work order to the Client indicating the nature of requested additional services, and an estimate of the fees to be charged for the additional work, subject to approval by the Client.

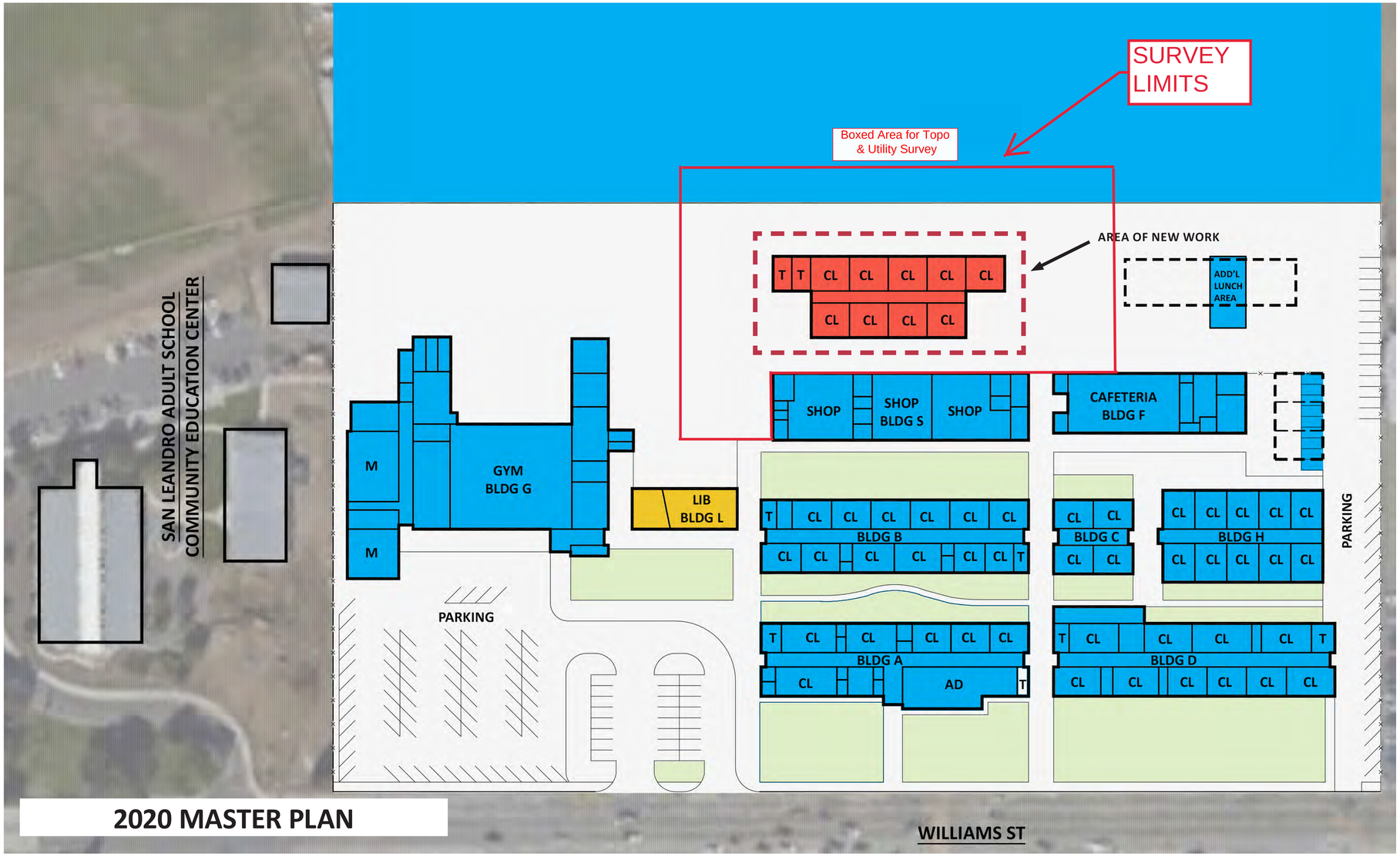
Thank you for this opportunity to submit this proposal. Please feel free to contact me at 925-228-4218 or cmp@lcc-inc.com if you have any questions, or if you would like us to proceed.

Sincerely,
LCC Engineering & Surveying, Inc.



Christine M. Parks
Principal

Encl: Limits of Survey Work Exhibit (1 page)
Estimated Hours and Cost by Task, Spreadsheet (1 page)



LEGEND

- EXISTING BUILDINGS
- MEASURE J1
- BOND 2020 MEASURE N
- EXISTING PLAY FIELD, LAWN AREA
- EXISTING PAVING
- EXISTING PLAYGROUND
- EXISTING PORTABLE BLDG, FUTURE REMOVAL

Note: Chase all utilities to POC or edge of property line.

NORTH

J1 BOND PROJECTS

COMPLETED:
- LIBRARY REMODEL
- ELECTRICAL UPGRADE
- CAMERA INSTALLATION
- PROMETHEAN BOARDS IN CLASSROOMS
- INSTALL NEW BACKFLOW PREVENTER ON FIELD
- RE-ROOF OF PORTION OF SCHOOL
- INSTALLATION OF HYDRATION STATIONS

IN PROCESS:
- TECH REFRESH
- COMPLETION OF HEATING, VENTILATION & AIR CONDITIONING (HVAC) BEGUN UNDER PREVIOUS BOND
- DRAINAGE, LANDSCAPING & EATING AREA

FUTURE WORK:
- LIGHTING UPGRADE
- EXTERIOR PAINT

BOND MEASURE N PROJECTS

- CLASSROOM & COMMON AREA UPGRADES
- PORTABLE REPLACEMENT
- NEW BLACKTOP SURFACE
- REPLACE FIELD TURF
- NEW SIGNAGE
- ADDITIONAL LUNCH AREA
- NEW INTERCOM & BELL SYSTEM
- CLASSROOM TECHNOLOGY UPDATE
- KITCHEN REMODEL & HVAC
- SECURITY FENCING
- WINDOW REPLACEMENT

© COPYRIGHT 2019 HKIT ARCHITECTS

HKIT ARCHITECTS

MUIR MIDDLE SCHOOL

JANUARY 2020

SAN LEANDRO UNIFIED SCHOOL DISTRICT

ESTIMATED WORKER HOURS AND COST BY TASK
LCC ENGINEERING SURVEYING, INC.

SAN LEANDRO UNIFIED SCHOOL DISTRICT (SLUSD)
JOHN MUIR MIDDLE SCHOOL - NORTHWEST OF SHOP BUILDING
PROPOSAL FOR LAND SURVEYING & MAPPING SERVICES
July 19, 2020

		LCC, INC. HOURS									HOURS			AMOUNTS		
SCOPE OF WORK		**PS**	**S2**	**S1**	**LS**	**CE**	**AE**	**C2**	**C1**	**TT**	**LCC**	**SUB**	**TOTAL**	**LCC**	**SUB**	**TOTAL**
TASK 1 - TOPOGRAPHIC SURVEYS AND MAPPING																
1.1	Field - Topographic Surveys		8		2						10		10	$2,420	$0	$2,420
1.2	Office - Topo mapping - compile data and mapping				2			16			18		18	$2,476	$0	$2,476
1.3	Office - Management & Coordination	1			2						3		3	$597	$0	$597
	Subtotal Task 1	1	8	0	6	0	0	16	0	0	31	0	31	$5,493	$0	$5,493
															Estimated Reimbursable Expenses:	$0
															Total Task 1:	$5,493

ROUNDED TOTAL TASK 1 (NOT TO EXCEED AMOUNT): $5,500

LEGEND - LCC TEAM MEMBERS AND HOURLY RATES

PS = PRINCIPAL SURVEYOR	$217	AE = ASSISTANT ENGINEER	$145	SUB = SUBCONSULTANT	$100
S2 = TWO-MAN SURVEY CREW	$255	C2 = CAD DESIGNER	$131	(HOURLY RATES FOR SUBCONSULTANTS ARE USED AS CALCULATION TOOL FOR ESTIMATED COST OF SERVICES AND MATERIALS DELIVERED)	
S1 = ONE-MAN SURVEY CREW	$169	C1 = CAD OPERATOR	$96		
LS = LAND SURVEYOR / SENIOR ENGINEER	$190	TT = TECHNICAL TYPIST	$76		
CE = CIVIL ENGR.	$163				

ENGINEERING & SURVEYING, INC.

PRINCIPALS
Randolph W. Leptien
Christine M. Leptien-Parks
Mariam Munshi Virani

FOUNDED 1954
Guenter K. Leptien
Frank J. Cronin
Jasper Cooper

July 19, 2020

San Leandro Unified School District
1145 Aladdin Ave.
San Leandro, CA 94579

Attn: Nick Malve, RGM Kramer

Re: San Leandro Unified School District (SLUSD)
Roosevelt Elementary School
Northeast and Southeast Areas
Proposal for Surveying and Mapping Services

Dear Mr. Malve,

LCC Engineering & Surveying, Inc. (LCC) is pleased to submit this proposal to provide land surveying and mapping services for the above referenced project.

SCOPE OF SERVICES AND ESTIMATE OF COST AND TIME;

Based on emails with you, we understand that a ground based topographic survey and mapping will be required for future Building and related improvements, which will be located on the east side of campus at the north end adjacent to the pre-school, as well as at the south end, just south of the pool area. We have attached an exhibit (provided by the District) showing the limits of the work area for the proposed survey and mapping.

We also understand that another firm will be performing underground utility locating and mapping. LCC will not be responsible for surveying the markings, however we will take several “check shots” so that the locator may incorporate their mapping with ours as seamlessly as possible.

Based on this information, LCC proposes to provide the following services and have also attached the “Estimated Hours and Cost by Task” spreadsheet for items work include herein:

Task 1 – Topographic Surveys and Mapping

LCC will coordinate with SLUSD’s project manager(s) to obtain the final requirements for the supplement survey work. We will perform a ground based topographic survey (1”=10’ scale) or other suitable scale, with 1-foot contours of the existing site area, as follows:

930 Estudillo Street
Martinez, California
94553-1620
(925) 228-4218
(925) 228-4638 fax
www.lcc-inc.com

LCC will establish control points for the surveys and perform a detailed supplemental topographic ground level survey within the limits shown on the attached exhibits. The survey will include locating major topographic features horizontally and vertically such as curbs, sidewalks, flatwork, building walls/corners, poles, signs, lights, trees, planter areas, striping, fences, visible utility boxes, and grates of inlets, and visible utility facilities within the survey limits.

After field survey is completed, LCC will prepare a Topographic Survey Map of the subject site area. The Map of the collected file data will be prepared at 1"=10' scale or other suitable scale on a 24"x36" sheet using AutoCAD software. All collected survey information will be shown with elevations and line work suitable for future design improvement work.

Task 2 – Limited Boundary Mapping

LCC will include the drafting of property boundary line(s) mapping on to the proposed topographic survey using record information. Our proposed scope of services will include researching the District, and County records, locating existing property corners or record street monuments in the field. The property lines (within survey limits only) will be incorporated into the topographic base maps on a separate CAD layer. No easement information will be shown since a Preliminary Title Report will not be provided by the client.

DELIVERABLES

We will provide the District with a PDF plot of the signed survey, and up to two (2) sets of bond copies of 10 scale drawings, along with the electronic CAD files of the base map delivered via email or ftp site. The CAD drawing will be drawn at 1:1 and provided in AutoCAD 3D.

HOURS AND COSTS BY TASKS

A spreadsheet which shows the estimated hours and cost for each of the various subtasks to be performed is attached. The spreadsheet is submitted for information and budget purposes only and the amounts per subtasks are not guaranteed, i.e. the actual amount per subtask may be higher or lower based upon the actual work performed.

HOURLY RATES

Work will be performed at our customary hourly rates per our on-call contract with the District. LCC, Inc. proposes to provide the scope of services described herein on a time and materials basis for a total amount not to exceed the total amount indicated at the bottom of the attached spreadsheet without written authorization.

SCHEDULE

We can begin work within two weeks of receiving a written notice to proceed. We can work with the District to complete all tasks in accordance with the District's schedule as is reasonably possible. We estimate that the field and office mapping will take approximately two weeks to complete. Our schedule will be dependent upon rain delays, and the assumption we will be given reasonable access to the property. LCC will not be responsible for delays in schedule which are not reasonably within their control.

ADDITIONAL SERVICES AND ASSUMPTIONS

Additional services are items that can be provided by LCC, or its subcontractors, but which are not included in the "Scope of Services" outlined above. Additional services will be provided on a "Time and Materials" basis, according to LCC's prevailing "Rate Schedule", unless a separate agreement for the work is negotiated.

Work items that will be considered "Additional Services" include, but are not limited to the following:

- Aerial Mapping
- Surveying of any kind outside of the work limit line shown on the "Survey Exhibit"
- Reviewing and incorporating comments and mark-ups from the Client after final submittal has been made.
- Underground locating or "Potholing" to locate existing utilities.
- Additional Boundary or Easement work.
- Civil Engineering Services
- Construction Staking

LCC will undertake additional services when requested to do so by the Client. Prior to proceeding with any Additional Services, LCC will send a work order to the Client indicating the nature of requested additional services, and an estimate of the fees to be charged for the additional work, subject to approval by the Client.

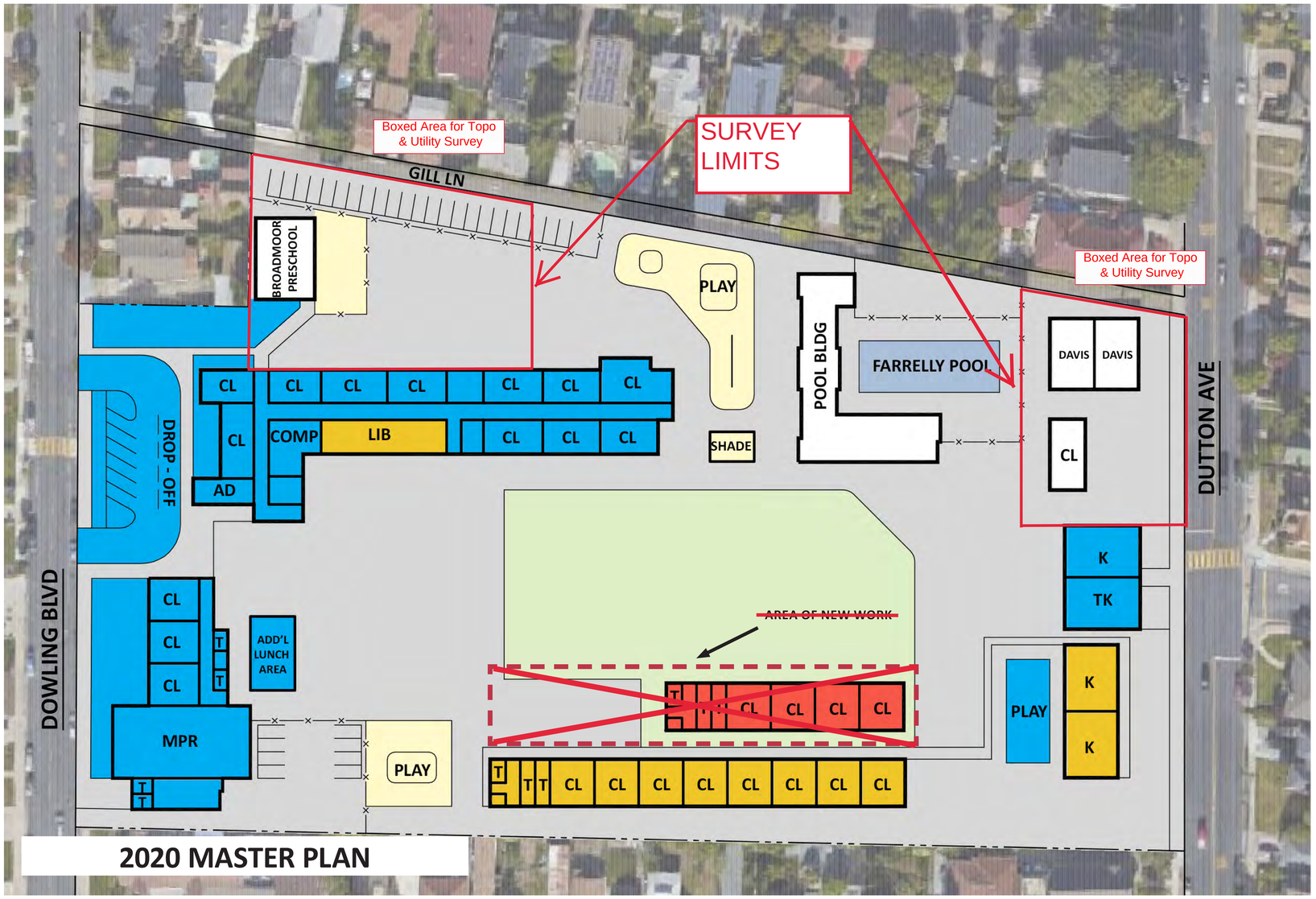
Thank you for this opportunity to submit this proposal. Please feel free to contact me at 925-228-4218 or cmp@lcc-inc.com if you have any questions, or if you would like us to proceed.

Sincerely,
LCC Engineering & Surveying, Inc.



Christine M. Parks
Principal

Encl: Limits of Survey Work Exhibit (1 page)
Estimated Hours and Cost by Task, Spreadsheet (1 page)



LEGEND

- EXISTING BUILDINGS
- MEASURE J1
- BOND 2020 MEASURE N
- EXISTING PLAY FIELD, LAWN AREA
- EXISTING PAVING
- EXISTING PLAYGROUND

Note: Chase all utilities to POC or edge of property line.

NORTH

J1 BOND PROJECTS

COMPLETED:
- HEATING, VENTILATION & AIR CONDITIONING (HVAC)
- CAMERA INSTALLATION
- LIBRARY REMODEL
- ELECTRICAL UPGRADE
- PROMETHEAN BOARDS IN CLASSROOMS
- INSTALL NEW SEWAGE LINE
- INSTALL NEW BACKFLOW PREVENTER ON FIELD

IN PROCESS:
- 10 NEW MODULAR CLASSROOMS
- NEW KINDERGARTEN PLAYGROUND
- TECH REFRESH

FUTURE WORK:
- LIGHTING UPGRADE
- NEW BLACKTOP AREA
- EXTERIOR PAINT

BOND MEASURE N PROJECTS

- CLASSROOM & COMMON AREA UPGRADES
- NEW DROP OFF AREA
- ENTRYWAY REDESIGN
- NEW BLACKTOP SURFACE
- NEW SIGNAGE
- RE-ROOF SCHOOL
- ADDITIONAL LUNCH AREA
- NEW INTERCOM & BELL SYSTEM
- WINDOW REPLACEMENT
- NEW LANDSCAPING
- CLASSROOM TECHNOLOGY UPDATE
- KITCHEN REMODEL & HVAC
- HYDRATION STATIONS

© COPYRIGHT 2019 HKIT ARCHITECTS

HKIT ARCHITECTS

ROOSEVELT ELEMENTARY SCHOOL

JANUARY 2020

SAN LEANDRO UNIFIED SCHOOL DISTRICT

ESTIMATED WORKER HOURS AND COST BY TASK
LCC ENGINEERING SURVEYING, INC.

SAN LEANDRO UNIFIED SCHOOL DISTRICT (SLUSD)
ROOSEVELT ELEMENTARY SCHOOL - NORTHEAST AND SOUTHEAST SITES
PROPOSAL FOR LAND SURVEYING & MAPPING SERVICES
July 19, 2020

		LCC, INC. HOURS									HOURS			AMOUNTS		
SCOPE OF WORK		**PS**	**S2**	**S1**	**LS**	**CE**	**AE**	**C2**	**C1**	**TT**	**LCC**	**SUB**	**TOTAL**	**LCC**	**SUB**	**TOTAL**
TASK 1 - TOPOGRAPHIC SURVEYS AND MAPPING																
1.1	Field - Topographic Surveys Northeast Site		8		1						9		9	$2,230	$0	$2,230
1.2	Field - Topographic Surveys Southeast Site		8		1						9		9	$2,230	$0	$2,230
1.3	Office - Topo mapping - compile data and mapping				2			24			26		26	$3,524	$0	$3,524
1.4	Office - Management & Coordination	1			2						3		3	$597	$0	$597
	Subtotal Task 1	1	16	0	6	0	0	24	0	0	47	0	47	$8,581	$0	$8,581
														Estimated Reimbursable Expenses:		$0
														Total Task 1:		$8,581
TASK 2 - LIMITED BOUNDARY MAPPING																
2.1	Research record maps, drawings and deeds				2			4			6		6	$904	$0	$904
2.2	Add ROW and Property Lines to base mapping	1			2			4			7		7	$1,121	$0	$1,121
	Subtotal Task 2	1	0	0	4	0	0	8	0	0	13	0	13	$2,025	$0	$2,025
														Estimated Reimbursable Expenses:		$0
														Total Task 2		$2,025

ROUNDED TOTAL TASKS 1-2 (NOT TO EXCEED AMOUNT): $10,700

LEGEND - LCC TEAM MEMBERS AND HOURLY RATES

PS = PRINCIPAL SURVEYOR	$217	AE = ASSISTANT ENGINEER	$145	SUB = SUBCONSULTANT	$100
S2 = TWO-MAN SURVEY CREW	$255	C2 = CAD DESIGNER	$131	(HOURLY RATES FOR SUBCONSULTANTS ARE USED AS CALCULATION TOOL FOR ESTIMATED COST OF SERVICES AND MATERIALS DELIVERED)	
S1 = ONE-MAN SURVEY CREW	$169	C1 = CAD OPERATOR	$96		
LS = LAND SURVEYOR / SENIOR ENGINEER	$190	TT = TECHNICAL TYPIST	$76		
CE = CIVIL ENGR.	$163				

ENGINEERING & SURVEYING, INC.

PRINCIPALS
Randolph W. Leptien
Christine M. Leptien-Parks
Mariam Munshi Virani

FOUNDED 1954
Guenter K. Leptien
Frank J. Cronin
Jasper Cooper

July 19, 2020

San Leandro Unified School District
1145 Aladdin Ave.
San Leandro, CA 94579

Attn: Nick Malve, RGM Kramer

Re: San Leandro Unified School District (SLUSD)
Wilson Elementary School
Northwest Area
Proposal for Surveying and Mapping Services

Dear Mr. Malve,

LCC Engineering & Surveying, Inc. (LCC) is pleased to submit this proposal to provide land surveying and mapping services for the above referenced project.

SCOPE OF SERVICES AND ESTIMATE OF COST AND TIME;

Based on emails with you, we understand that a ground based topographic survey and mapping will be required for future Building and related improvements, which will be located in the northwest quadrant of campus. We have attached an exhibit (provided by the District) showing the limits of the work area for the proposed survey and mapping.

We also understand that another firm will be performing underground utility locating and mapping. LCC will not be responsible for surveying the markings, however we will take several “check shots” so that the locator may incorporate their mapping with ours as seamlessly as possible.

As this project is located well into the District’s property, it is assumed that boundary research and property lines will not be required.

Based on this information, LCC proposes to provide the following services and have also attached the “Estimated Hours and Cost by Task” spreadsheet for items work include herein:

Task 1 – Topographic Surveys and Mapping

LCC will coordinate with SLUSD’s project manager(s) to obtain the final requirements for the supplement survey work. We will perform a ground based topographic survey (1”=10’ scale) or other suitable scale, with 1-foot contours of the existing site area, as follows:

930 Estudillo Street
Martinez, California
94553-1620
(925) 228-4218
(925) 228-4638 fax
www.lcc-inc.com

LCC will establish control points for the surveys and perform a detailed supplemental topographic ground level survey within the limits shown on the attached exhibits. The survey will include locating major topographic features horizontally and vertically such as curbs, sidewalks, flatwork, building walls/corners, poles, signs, lights, trees, planter areas, striping, fences, visible utility boxes, and grates of inlets, and visible utility facilities within the survey limits.

After field survey is completed, LCC will prepare a Topographic Survey Map of the subject site area. The Map of the collected file data will be prepared at 1"=10' scale or other suitable scale on a 24"x36" sheet using AutoCAD software. All collected survey information will be shown with elevations and line work suitable for future design improvement work.

DELIVERABLES

We will provide the District with a PDF plot of the signed survey, and up to two (2) sets of bond copies of 10 scale drawings, along with the electronic CAD files of the base map delivered via email or ftp site. The CAD drawing will be drawn at 1:1 and provided in AutoCAD 3D.

HOURS AND COSTS BY TASKS

A spreadsheet which shows the estimated hours and cost for each of the various subtasks to be performed is attached. The spreadsheet is submitted for information and budget purposes only and the amounts per subtasks are not guaranteed, i.e. the actual amount per subtask may be higher or lower based upon the actual work performed.

HOURLY RATES

Work will be performed at our customary hourly rates per our on-call contract with the District. LCC, Inc. proposes to provide the scope of services described herein on a time and materials basis for a total amount not to exceed the total amount indicated at the bottom of the attached spreadsheet without written authorization.

SCHEDULE

We can begin work within three weeks of receiving a written notice to proceed. We can work with the District to complete all tasks in accordance with the District's schedule as is reasonably possible. We estimate that the field and office mapping will take approximately two weeks to complete. Our schedule will be dependent upon rain delays, and the assumption we will be given reasonable access to the property. LCC will not be responsible for delays in schedule which are not reasonably within their control.

ADDITIONAL SERVICES AND ASSUMPTIONS

Additional services are items that can be provided by LCC, or its subcontractors, but which are not included in the “Scope of Services” outlined above. Additional services will be provided on a “Time and Materials” basis, according to LCC's prevailing “Rate Schedule”, unless a separate agreement for the work is negotiated.

Work items that will be considered “Additional Services” include, but are not limited to the following:

- Boundary Surveys or Mapping
- Aerial Mapping
- Surveying of any kind outside of the work limit line shown on the "Survey Exhibit"
- Reviewing and incorporating comments and mark-ups from the Client after final submittal has been made.
- Underground locating or “Potholing” to locate existing utilities.
- Additional Boundary or Easement work.
- Civil Engineering Services
- Construction Staking

LCC will undertake additional services when requested to do so by the Client. Prior to proceeding with any Additional Services, LCC will send a work order to the Client indicating the nature of requested additional services, and an estimate of the fees to be charged for the additional work, subject to approval by the Client.

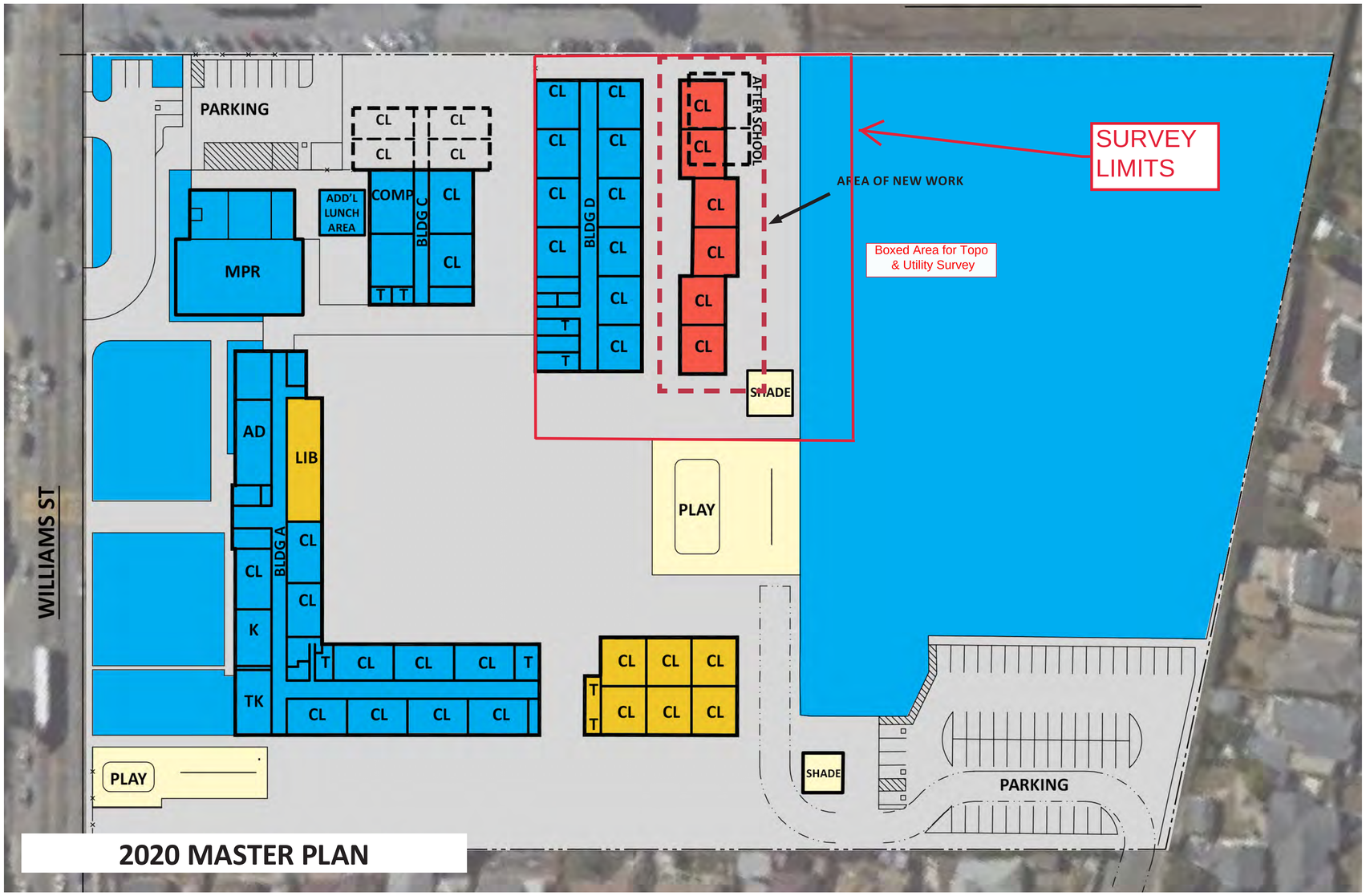
Thank you for this opportunity to submit this proposal. Please feel free to contact me at 925-228-4218 or cmp@lcc-inc.com if you have any questions, or if you would like us to proceed.

Sincerely,
LCC Engineering & Surveying, Inc.



Christine M. Parks
Principal

Encl: Limits of Survey Work Exhibit (1 page)
Estimated Hours and Cost by Task, Spreadsheet (1 page)



2020 MASTER PLAN

LEGEND

- EXISTING BUILDINGS
- MEASURE J1
- BOND 2020 MEASURE N
- EXISTING PLAY FIELD, LAWN AREA
- EXISTING PAVING
- EXISTING PLAYGROUND

Note: Chase all utilities to POC or edge of property line.

NORTH

J1 BOND PROJECTS

COMPLETED:
- HEATING, VENTILATION & AIR CONDITIONING (HVAC)
- CAMERA INSTALLATION
- LIBRARY REMODEL
- ELECTRICAL UPGRADE
- PROMETHEAN BOARDS IN CLASSROOMS
- INSTALL NEW BACKFLOW PREVENTER ON FIELD

IN PROCESS:
- TECH REFRESH
- NEW MODULAR CLASSROOMS
- NEW RESTROOMS

FUTURE WORK:
- LIGHTING UPGRADE
- EXTERIOR PAINT

BOND MEASURE N PROJECTS

- CLASSROOM & COMMON AREA UPGRADES
- NEW BLACKTOP SURFACE
- NEW SIGNAGE
- RE-ROOF SCHOOL
- ADDITIONAL LUNCH AREA
- NEW INTERCOM & BELL SYSTEM
- NEW LANDSCAPING
- CLASSROOM TECHNOLOGY UPDATE
- KITCHEN REMODEL & HVAC
- HYDRATION STATIONS
- WINDOW REPLACEMENT

© COPYRIGHT 2019 HKIT ARCHITECTS

HKIT ARCHITECTS

WILSON ELEMENTARY SCHOOL

JANUARY 2020

SAN LEANDRO UNIFIED SCHOOL DISTRICT

ESTIMATED WORKER HOURS AND COST BY TASK
LCC ENGINEERING SURVEYING, INC.

SAN LEANDRO UNIFIED SCHOOL DISTRICT (SLUSD)
WILSON ELEMENTARY SCHOOL - NORTHWEST AREA OF CAMPUS
PROPOSAL FOR LAND SURVEYING & MAPPING SERVICES
July 19, 2020

		LCC, INC. HOURS									HOURS			AMOUNTS		
SCOPE OF WORK		**PS**	**S2**	**S1**	**LS**	**CE**	**AE**	**C2**	**C1**	**TT**	**LCC**	**SUB**	**TOTAL**	**LCC**	**SUB**	**TOTAL**
TASK 1 - TOPOGRAPHIC SURVEYS AND MAPPING																
1.1	Field - Topographic Surveys		8		2						10		10	$2,420	$0	$2,420
1.2	Office - Topo mapping - compile data and mapping				2			16			18		18	$2,476	$0	$2,476
1.3	Office - Management & Coordination	1			2						3		3	$597	$0	$597
	Subtotal Task 1	1	8	0	6	0	0	16	0	0	31	0	31	$5,493	$0	$5,493
															Estimated Reimbursable Expenses:	$0
															Total Task 1:	$5,493

ROUNDED TOTAL TASK 1 (NOT TO EXCEED AMOUNT): $5,500

LEGEND - LCC TEAM MEMBERS AND HOURLY RATES

PS = PRINCIPAL SURVEYOR	$217	AE = ASSISTANT ENGINEER	$145	SUB = SUBCONSULTANT	$100
S2 = TWO-MAN SURVEY CREW	$255	C2 = CAD DESIGNER	$131	(HOURLY RATES FOR SUBCONSULTANTS ARE USED AS CALCULATION TOOL FOR ESTIMATED COST OF SERVICES AND MATERIALS DELIVERED)	
S1 = ONE-MAN SURVEY CREW	$169	C1 = CAD OPERATOR	$96		
LS = LAND SURVEYOR / SENIOR ENGINEER	$190	TT = TECHNICAL TYPIST	$76		
CE = CIVIL ENGR.	$163				