

RESOLUTION NO. 285

A RESOLUTION APPROVING NORTHWEST TESTING LABORATORIES, INC. TO INITIATE AND COMPLETE A SOILS ANALYSIS STUDY FOR THE NEW CITY HALL; AND AUTHORIZE THE ALLOCATION OF FUNDS FOR PAYMENT OF THE STUDY.

WHEREAS, the City Staff has prepared a report on the above captioned subject which is attached hereto as Exhibit "A", and

WHEREAS, the City Council has duly considered the subject and the recommendation(s) contained in the staff report, and

WHEREAS, interested parties, if any, have had an opportunity to be heard on the subject,

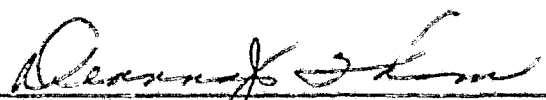
NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Wilsonville does hereby adopt the staff report attached hereto as Exhibit "A", with the recommendation(s) contained therein and further instructs that action appropriate to the recommendation(s) be taken.

ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof this 3rd day of January, 1983, and filed with the Wilsonville City Recorder this same day.



WILLIAM G. LOWRIE, Mayor

ATTEST:



DEANNA J. THOM, City Recorder

CITY OF WILSONVILLE

MEMO

EXHIBIT A

December 29, 1982
DATE

TO: Mayor and City Council

FROM: Larry R. Blanchard *L.B.*
Public Works Director

SUBJECT: Approvals Soils Engineering Study City Hall Site

At the request of the Balsiger & Associates, as stipulated in their contract with the City and in order to complete the design work for the New City Hall Building, a complete soil investigation was necessary. A request for proposal was completed and sent to known Soil Engineering firms in the area. The request for proposal lists a number of tests and samples which needed to be completed such as:

1. Direct Shear Test - used to complete foundation bearing pressures and lateral earth pressures.
2. Consolidation Tests - used to determine settlements of foundation a fills.
3. CBR Test - would be used to determine pavement thickness design.

Proposals were returned by all five (5) of the Soils Engineering Firms which were contacted to submit proposal. There cost breakdowns and totals are listed on the attached page "Soil Testing Proposals."

The soils study is a necessary and vital part of the total overall building and site design. The information taken from the samples will be used to determine footing-foundation and exterior wall load and pavement designs.

Recommendation

1. Approve staff to complete a contract with Northwest Testing Laboratories Inc. to complete the soils tests for the New City Hall Site as outlined in the attached Request for Proposals and as designated on the Soils Testing Proposal Sheet for total cost not to exceed \$4,265.00.
2. Funds would be allocated from the City Hall Construction account.

Attachment

LRB:ks

SOIL TESTING PROPOSALS
CITY HALL SITE

	Pittsburgh Testing Laboratory		Northwest Testing Laboratories		CH2M Hill	Ritten House Zemen & Assoc.		Earth Consultants	
	Cost/lf	Total cost	Cost/lf	Total cost		Cost/lf	Total Cost	Cost/lf	Total Cost
160 lf of test boring	9.45	1,512.00	12.00	1,920.00		8.90	1,424.00	10.03	1,606.25
6 direct shear tests	100.00 ea.	600.00	25.00 ea.	150.00		60.00 ea.	360.00	100.00 ea.	600.00
6 consolidation tests	105.00 ea.	630.00	50.00 ea.	300.00		100.00 ea.	600.00	200.00 ea.	1,200.00
6 unconfirmed compression tests	35.00 ea.	210.00	10.00 ea.	60.00		60.00 ea.	360.00	50.00 ea.	300.00
20 lf CBR test boring	8.00 lf	160.00	12.00	240.00		8.00 lf	178.00		
6 Atterberg limit tests	52.00 ea.	312.00	42.50	255.00		60.00 ea.	360.00	50.00 ea.	300.00
6 moisture density	100.00 ea.	600.00	15.00	90.00		10.00 ea.	60.00	15.00 ea.	90.00
CBR Test	75.00 ea.	400.00	50.00	300.00		180.00 ea.	1,080.00	50.00 ea.	300.00
Soils Report	Lump sum	2,000.00	Lump sum	950.00	Lump sum	Lump sum	1,250.00	Lump sum	1,608.00
TOTAL		\$ 6,424.00		\$ 4,265.00			\$ 5,672.00		\$ 6,004.25

REQUEST FOR PROPOSALS
Soils Testing
New City Hall Construction Site

GENERAL INFORMATION:

1. Proposals shall be accepted no later than 2:00 pm December 20, 1982, at City Hall - Wilsonville, Oregon, 30470 S.W. Parkway Avenue.
2. Proposals shall be clearly marked "NEW CITY HALL SITE SOILS TESTING ATTN: LARRY R. BLANCHARD."
3. Each proposal shall have the following attached thereto:
 - a) Resume of the company, indicating projects of a similar nature as the one being proposed
 - b) Indicate the Project Manager, and staff personnel who will be working on the project with a resume of their background, also indicate who will complete the final report.
 - c) Certificate of Insurance will be necessary by the organization who is awarded the contract.
4. Complete the Proposal Cost Sheet pg. 2&3 of this sheet, and have an authorized principal of the organization sign the document.
5. A work schedule for the project as outlined in this proposal shall be provided.
6. The City may delete any item from the proposal prior to ordering the investigative sample, or if by sufficient information from the contractor that the test or parts thereof are not necessary.

SCOPE:

1. Plans for the New City Hall Construction Site are attached hereto and provide footing design data. Any additional information on the structure itself will be provided by Balsiger and Associates A.I.A. phone number is 682-3023.
2. Map A attached hereto indicates the borings to be completed, and the number 1 or 2 indicates which types of tests shall be done.
3. Borings marked 1 are those which will be taken at footing locations, and after a preliminary in field investigation a recommendation by joint agreement of the contractor and the Director the following soil tests may be done dependent on in field soils conditions.

- a) Direct Shear
 - b) Consolidation Testing
 - c) Unconfined Compression
 - d) Lateral Earth Pressures
 - e) Soils Shear Tests
4. Borings marked 2 are those which will be taken at parking lot and driveway locations on the site. A preliminary investigation will indicate the type of tests necessary to determine, bearing capacity, settlement of soils, and site drainage. Those tests may compose of:
- a) Series R Values
 - b) Atterberg Limits
 - c) Moisture/Density
 - e) CBR Testing
5. Borings will be completed in the presence of a designated representative of the City, an on-site investigation will determine what test should be completed to achieve the information necessary to construct the City Hall Project as shown in the plans attached hereto.
6. If a soil condition, upon preliminary investigation produces information which would necessitate additional testing requirements not mentioned in this proposal, the contractor would then make recommendations on which test should be taken. The Director would then approve those tests on a change order basis. Any change order \$500 or more would need City Administrator's approval prior to starting work. Any change order \$1,000 or more would need City Council approval prior to starting work.

PROPOSAL COSTS:

		Total
1. 160 l.f. of test boring for No. 1 borings	@ _____ l.f. =	_____
2. Maximum 6 samples direct shear tests for No. 1 borings	@ _____ l.f. =	_____
3. Maximum 6 samples consolidation test for No. 1 borings	@ _____ l.f. =	_____
4. Maximum 6 samples unconfined compression test for No. 1 borings	@ _____ l.f. =	_____
5. Maximum 6 samples lateral earth pressure for No. 1 borings	@ _____ l.f. =	_____

- 6. Maximum 6 soils shear test for No. 1 borings @ _____ l.f. = _____
 - 7. Maximum 20 l.f. of test borings for No. 2 testing @ _____ l.f. = _____
 - 8. Maximum 6 samples Series R Valves for No. 2 samples @ _____ l.f. = _____
 - 9. Maximum 6 samples Atterberg limits for No. 2 samples @ _____ l.f. = _____
 - 10. Maximum 6 samples moisture/density for No. 2 samples @ _____ l.f. = _____
 - 11. Maximum 6 samples CBR Test for No. 2 samples @ _____ l.f. = _____
 - 12. Complete report on soils test problems encountered, possible solution to problems, recommendation for any unstable soil conditions, and soils classification chart. Lump Sum = _____
- TOTAL COST = _____

I _____ representing _____
 as Authorized Representative of Company do hereby
 agree to complete the project as outlined in this Proposal for the total cost
 not to exceed _____ . Submitted this _____ day of _____
 19 ____ .