

ORMAP Grant Application

Section I. County and Grant Information			
A. County: Coos County		B. Funding Cycle: Fall 2008	
C. Project will help meet ORMAP Goal(s): 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 X 5 <input type="checkbox"/> 6 <input type="checkbox"/>		D. Fund Request: \$ 64,706	
Section II. Summary of Project			DOR Assessment
A. Brief Overview of the Request.			<input type="checkbox"/> Pass <input type="checkbox"/> Fail
<p>Coos County is requesting \$64,706 to begin Phase 8 in Project Area #3. Phase 8 will focus having our vendor COGO 3,960 parcels (278 maps) at a cost of \$16.34 per parcel. The area consisting of 3,960 parcels east of Coos Bay and Coquille was selected to convert as the next Urban area.</p> <p>The GPS points gathered in Phase 1 from the Fall 04 Grant and thereafter will be used to establish the control network Coos County needs to begin the eighth phase in Project Area #3. The Contractor will re-map the Assessor's maps using coordinate geometry based on the control network, filed surveys, deeds, etc. The COGO of these 3,960 parcels will meet the ORMAP Technical Specifications. Assessment will contribute the in-kind match of two Cartographer's time to check the Contractor's work.</p>			
Scope and Deliverables			
Check	Deliverables	Brief description of the deliverables	
X	Taxlot Conversion	3,960 parcels representing 9 % of the County	
X	Tax Map Conversion	278 Maps representing 14 % of the County	
<input type="checkbox"/>	Control Points		
<input type="checkbox"/>	Scanning		
<input type="checkbox"/>	Reports		
<input type="checkbox"/>	Development		
<input type="checkbox"/>	Other Assistance		
<input type="checkbox"/>	Other Deliverable		
<input type="checkbox"/>	Hardware/Software		
B. Timeline (funding not to exceed one year from award date)			
This portion of the COGO work to be contracted out will begin in November of 2008 and conclude by June 2009.			
C. Costs of Total Project (add lines as necessary)			
Deliverable	Number of Items	Cost per Item	Total Cost
COGO parcels and the produce 278 finalized maps by Contractor	3,960 parcels	\$16.34	\$ 64,706
D. Partnerships and Contributions (add lines as necessary):			
Partner	Contribution		
Coos County	\$10,450 for in-kind matching time		
Coos County Surveyor	\$54,400 to collect 251 GPS points.		

A. Assessor's Signature & Date:	<i>See File Copy</i>
F. Fiscal Coordinator – Name & Contact Number:	Adam Colby, Chief Deputy Assessor (541) 396-3121 ext 272
G. Project Coordinator – Name & Title:	Adam Colby, Chief Deputy Assessor
E-mail address:	ccaocda@co.coos.or.us
Phone Number:	
Mailing Address:	250 N Baxter Coquille, OR 97423

Section III. Detail Project Information –*Answer all questions*

A. Overview

1. Describe what the project is trying to accomplish.

This is Phase 8 in Project Area #3. Phase 8 will focus having our vendor COGO 3,960 parcels (278 maps) at a cost of \$16.34 per parcel. The area consisting of 3,960 parcels east of Coos Bay and Coquille was selected as the next Urban area in the project.

This project will accomplish the finalization of 923 maps by using Coordinate Geometry to re-map a total 33,584 parcels from surveys and the newly established control network from Phase 1 to give us the accuracy needed to meet the ORMAP Technical Specifications in Project Areas # 1, 2 and 3.

2. Does this project relate to any previous ORMAP-funded projects? If yes, please explain.

Yes, this project is the 8th phase in Project Area # 3. The 1st phase was to gather the GPS points in order to establish a control network and lend accuracy to the 2nd, 3rd, 4th, 5th, 6th, 7th and 8th phases of re-mapping each parcel using coordinate geometry from filed surveys, plats, deeds and any other information that will lend documentation for this remapping project.

3. What is the status/outcome of the previous ORMAP-funded projects? (Please include contract numbers and a status map.)

This project is still in progress with this phase due to be finished by June 2009. To date the Coos County Surveyor's Office has finished collecting the GPS points they needed for Project Area #1, #2 and #3. The second phase was delayed until a Cartographer was hired to replace Betsy Smith. Currently our contractor is working on the seventh phase, which should be completed in November.

- #1304 (fall 2004) Parcel Manager training completed and 60 GPS points billed.
- #1305 (fall 2004) 55 GPS points completed and billed 230 points set
- #1364 (spring 2005) COGO completed 09/10/06
- #1559 (spring 2006) COGO completed 6/30/07
- #1759 (fall 2006) COGO completed 06/30/07

#1804 (spring 2007) COGO completed 12/30/07

#1805 (fall 2007) COGO completed 6/30/08

#1924 (spring 2008) COGO complete 11/30/08

B. Project Design – Current Proposal

1. Identify the ORMAP and the regional/county goal(s) that this project addresses.

This project addresses ORMAP Goal 4, moving the county towards 70% of its taxmaps meeting the ORMAP Technical Specifications. It also addresses regional goals to edge match with neighboring counties because the higher accuracy maps will be much easier to join. The initial coordination has already taken place between Douglas County and Coos County to match the County boundaries. This project addresses the ORMAP goal to ultimately obtain 100% of tax maps meeting the technical specifications.

2. Describe in detail your technical approach to the project (mapping methodology).

Coos County's approach to this project is as follows:

The GPS points and control network for Phase 1 of Project Areas #1 and 2 were concluded in May of 2005 and are not part of this specific grant application.

This portion of the COGO work to be contracted out will begin in November of 2008 and conclude by June 2009. The Contract will require the use of GeoMedia Professional and Parcel Manager Software to COGO each parcel within the control network established by Phase 1 and to create, correct and finalize 278 maps as designated in Phase 8 in Project Area # 3.

- a. Have Contractor continue to COGO the Urban areas in Project Area # 3 Phase 8 which consists of 3,960 parcels and 278 maps. The Contractor will use the GPS points collected by the Surveyor's Office to improve the GCDB as their control network in which to base the Coordinate Geometry work. The Contractor will use GeoMedia Professional and Parcel Manager Software to COGO each parcel.
- b. Once the parcels have been COGO'd, the Contractor will re-position all text and other features adhering to the Cartography standards as set by the Dept. of Revenue, Cadastral Information Systems Unit to create an accurate and aesthetically pleasing assessment map.
- c. For each map, a plotting shape will be created or corrections made to the current shape to ensure the proper boundary for the assessment maps.
- d. Each current map layout will be brought in and changed accordingly (all layouts have already been created) for each map.
- e. Each map will be checked for errors by the Contractor and corrected. Then a copy will be given to the Coos County Cartographer's for a 2nd check. Once the corrections are made, the map will be finalized as meeting the technical specifications.

3. Describe the project deliverables. (DOR will bill against these deliverables)

The deliverables will be 3,960 parcels on 278 Assessment Maps that meet the current ORMAP Technical Specifications.

4. Will this proposal fund staff that is doing work other than ORMAP projects? If so, describe how the time and cost will be tracked for the different projects.

No other work will be done.

5. Who will be doing the work (county staff, contractor, DOR staff, etc.)? Please define their role(s).

The Contractor will COGO 3,960 parcels and deliver 278 urban maps while the two County Cartographers will check the work of the Contractor.

6. Define the role of the County Cartographer in the project.

The County Cartographer and Integrated Desktop Solutions are responsible for planning the areas to be converted. The Lead Cartographer is responsible in making sure the Contractor stays on schedule and for checking the work to ensure that it meets standards.

7. Describe the maintenance plan for this product.

Maintenance for this project specifically includes checking each map for errors by the Contractor who COGO's the map and then a 2nd check by the Coos County Cartographers. Future maintenance consists of the regular map maintenance from deeds filed, surveys filed, etc.

8. Will this comply with Oregon Cadastral Data Exchange Standard?

Coos County's original digitizing project done a couple of years ago through ORMAP helped to obtain some of the criteria set forth in the Data Exchange Standards such as the Design Issues, Conceptual Framework, ORMAP components, etc. With Phase 7 of this current project we will be conforming to the Oregon Cadastral Exchange Standard.

9. Describe where this project fits within the County's overall mapping/GIS work plan.

This is project area # 3 out of the 4 project areas planned over the next 2 years. Once all 4 project areas are complete, Coos County will be ready to edge match with neighboring counties. By completing projects 1 - 4 the Cartographers anticipate the edge matching to go smoothly and will be 70% done by October 2008.

10. Provide a project timeline with milestones or phase-completion dates

May 2006 through September 2006: The Contractor converted 4,658 parcels using COGO and completed 63 assessment maps. (Completed)

Phase 3 in Project Area 1:

September 2006 through December 2006: The Contractor converted 5,451 parcels using COGO and completed 77 assessment maps. (Completed)

Phase 4 in Project Area 2:

December 2006 through June 2007: The Contractor converted 4,950 parcels using COGO and completed 80 assessment maps. (Completed)

Phase 5 in Project Area 2:

June 2007 through December 2007: The Contractor converted 5,935 parcels using COGO and completed 190 assessment maps. (Completed)

Phase 6 in Project Area 3:

December 2007 through April 2008: The Contractor converted 5,255 parcels using COGO and complete 116 assessment maps. (Completed)

Phase 7 in Project Area 3:

April 2008 through December 2008: Have Contractor convert 2,575 parcels using COGO and complete 118 assessment maps.

Phase 8 in Project Area 3:

November 2008 through June 2009: Have Contractor convert 3,960 parcels using COGO and complete 278 assessment maps.

11. Does this project promote partnerships, if so, with whom?

The Surveyor's Office worked with the BLM by providing GPS Control to improve the accuracy of the GCDB. The Assessor's Office is working closely with the Surveyor's Office to establish the location for additional GPS control to ensure that the new maps meet ORMAP Technical Specifications.

12. Describe any innovations that will be utilized by this project.

There are no new innovations being utilized in this project. Coos County and its contractor will be using mapping methodology that will meet or exceed the ORMAP Technical Specifications.

13. Detail Costs (who is paying for what).

	<u>TOTAL COSTS</u>	<u>ORMAP\$</u>
<u>Phase 1 Project Area #1&2</u>		
115 GSP points collected funded by ORMAP	\$ 46,000	\$ 46,000
115 GPS points matched by Coos County Surveyor	\$ 46,000	
Parcel Manager Software training	<u>\$ 2,400</u>	<u>\$ 2,400</u>
Phase 1 total (fall 2004 Grant)	\$ 94,400	\$ 48,400
<u>Phase 2 Project Area #1</u>		
COGO re-mapping @ \$12.74/parcel contracted out	\$59,340	\$59,340
COGO re-mapping @ \$12.74/parcel in-house	<u>\$8,867</u>	
Phase 2 total (spring 2005 Grant App)	\$68,207	\$59,340
<u>Phase 3 Project Area #1</u>		
COGO re-mapping @ \$12.74/parcel contracted out	\$69,445	\$69,445
COGO re-mapping @ \$12.74/parcel in-house	<u>\$8,867</u>	
Phase 3 total (spring 2006 Grant App)	\$78,312	\$69,445
<u>Phase 4 Project Area #2</u>		
COGO re-mapping @ \$12.74/parcel contracted out	\$63,063	\$63,063
COGO re-mapping @ \$12.74/parcel in-house	<u>\$8,281</u>	
Phase 4 total (fall 2006 Grant App)	\$71,344	\$63,063
<u>Phase 5 Project Area #2</u>		
COGO re-mapping @ \$13.38/parcel contracted out	<u>\$79,392</u>	<u>\$79,392</u>
Phase 5 total (spring 2007 Grant App)	\$79,392	\$79,392
<u>Phase 6 Project Area #3</u>		
COGO re-mapping @ \$13.38/parcel contracted out	<u>\$70,312</u>	<u>\$70,312</u>
Phase 6 total (fall 2007 Grant App)	\$70,312	\$70,312
<u>Phase 7 Project Area #3</u>		
COGO re-mapping @ \$15.27/parcel contracted out	<u>\$39,320</u>	<u>\$39,320</u>
Phase 7 total (spring 2008 Grant App)	\$39,320	\$39,320

Phase 8 Project Area #3

COGO re-mapping @ \$16.34/parcel contracted out	\$64,706	\$64,706
Phase 8 total (fall 2008 Grant App)	\$64,706	\$64,706

TOTAL FISCAL AMOUNTS **\$565,993** **\$493,978**

C. Quality Control

1. Who will be responsible for quality control?

Coos County Cartography Dept. will be responsible for quality control.

2. Will county cartography staff review the deliverables?

Yes

3. Will there be a review by Department of Revenue cartography staff?

No, we now have two qualified Cartographers on board who will be doing the checking.

4. Describe quality control procedures.

The cartographers, to ensure that all standards are being met, will review each map as it is returned from the Contractor. A random sampling of 20% of the taxlots on each map will be checked against the recorded legal description. The files that are created when the taxlots are COGO'd will have a traverse file imbedded in the database for every survey. This file is created using GeoMedia Parcel Manager. Coos County is using this program and we will be able to review the COGO work as it is completed by comparing the completed COGO'd surveys with the scanned surveys. The traverse file shows the error of closure, thereby allowing for a quicker review of the taxlots. We will review the closure on 100% of the taxlot files. Aerial photos will also be used in the review process to check physical features such as river locations. Coos County will also check the maps for text errors and other line-work feature errors to make sure the entire map meets Dept. of Revenue standards.

D. Data Availability

Identify this product's restrictions on data sharing or licensing issues.

None at this time.

E. Background Information

Any other information that you feel may help support the project. Please attach an updated copy of your county's ORMAP business plan if it has not been updated on the ORMAP website.

On File.

G. Other Issues - Please identify.

Map of Project Areas #1, #2 and #3 submitted in grant.

See attached copy of Page 2 with required Assessor's signature (hardcopy to follow in regular mail)

Submit completed forms to:

Mail	Contact Information
ORMAP Project Coordinator Oregon Department of Revenue Property Tax Division - CDOT 955 Center St. NE Salem OR 97301-2555	Tel: 503-945-8493 Fax: 503-945-8737 or.map@state.or.us

Coos County

Goal 4 Project Areas

January, 25 2008

Legend

- Area 1 Parcels 10,109
- Area 2 Parcels 10,885
- Area 3 Ph 6 Parcels 5,255
- Area 3 Ph 7 Parcels 2,575
- Area 3 Ph 8 Parcels 3,770

