

PERPETUAL COR. PROP. NO. 11



**P R O P O S A L**  
**FOR PERPETUATION OF CORNERS**  
**AND CORNER RECORD BOOKS**

To C. Neil Ott, PE, Surveyor of Hendricks County, Indiana:

~~Whereas~~, I.C. 36-2-12-11 (Acts 1980, P.L.212, Sec.1), as amended, requires that each year the County Surveyor shall check, establish, or relocate, and reference at least five percent (5%) of all the corners originally established in the County by government surveyors, and that each year said Surveyor shall check and reference at least five percent (5%) of all corners shown in the corner record book; and

~~Whereas~~, under said Act, County Surveyors not registered as land surveyors under I.C. 25-31 shall, with the approval of the County Commissioners, appoint a registered land surveyor who is a resident voter of the County, if available, to administer said Act, or if there is not a resident registered land surveyor available one who resides in another County may be employed; and

~~Whereas~~, at least one principal of Parsons and Shartle Engineers, Inc., (hereafter P & S) is registered as a land surveyor under I.C. 25-31 and, furthermore, who is a former Surveyor of Hendricks County, and is a resident voter in Hendricks County, Indiana, and who since 1937 has many years of land surveying experience in Hendricks County, Indiana, and is qualified, properly equipped, and willing to administer said Act;

~~Wherefore~~, P & S hereby tenders this proposal to administer said Act on a part-time basis for a total of 50 corners during the calendar year 1991 (and for such time thereafter and/or for a greater number of corners as may be agreeable to both the County and P & S), and in accordance with the requirements of said Act and with the following specifications and standards, and for the unit prices quoted below:

I. Furnish labor, materials, instruments, equipment, machinery, and supplies for performing the following work:

(a) Since close professional direction of the work is peculiarly vital to quality control and to the protection of the public interest, P & S shall personally conduct or supervise all research, surveying, explorations, computations, and drafting with the freedom to schedule the work along the lines best suited to its organization and equipment. The County Surveyor reserves the right to select the corners proposed to be perpetuated.

(b) For each corner to be perpetuated, research shall consist of the examination of the survey records of the County, the records of P & S, and the records of other private surveyors as may be available to P & S or as P & S may



deem appropriate to aid in the search for the corner.

(c) P & S shall recover existing corner monuments and restore lost or obliterated corners. Restoration shall comply with the Bureau of Land Management's *Restoration of Lost or Obliterated Corners and Subdivisions of Sections, a Guide for Surveyors*, and all laws governing such work.

(d) Where requested by the County Surveyor, P & S shall traverse between corners with a standard of accuracy meeting or exceeding that for Class C Surveys of 864 IAC 1.1-13, as amended. Traverse adjustments shall be performed by a rigorous least squares method in which observations are independently weighted and adjusted simultaneously.

(e) For each corner perpetuated P & S shall make a record that conforms with the format of the corner record books already filed in the County Surveyor's office. Besides reference ties to objects in the vicinity of the corner, the record shall contain the coordinates of the corner and bearings and distances to the nearest other perpetuated corners, as determined from the above-mentioned traverse, if requested by County Surveyor. Such data shall be based upon the Indiana State Plane Coordinate System if control stations are reasonably available; otherwise, on one or more local plane coordinate systems that shall be established and used.

(f) P & S shall meet with the County Surveyor and/or County Commissioners, when requested or necessary, for consultation or conference, or visit to the sites for inspection of the work.

(g) Where ordered by the County Surveyor at specified perpetuated corners, P & S or County employees (or both working together upon orders of said County Surveyor) shall set Copperweld or other special monuments in portland cement concrete with tops of monuments and concrete flush with the surface.

II. In order to economize, the County may furnish P & S with one or more County employees, whenever they are available, to help with the work, thereby reducing the personnel to be supplied by P & S. Also, the County reserves the right to furnish excavating machinery and equipment in lieu of the same being furnished and charged for by P & S. Whenever County employees or machinery or both assist in the work, P & S and the County shall alike be responsible for traffic maintenance and safety.

III. The following unit prices include computer expenses, mileage, subsistence, and surveying instrument rental expenses necessary and incidental to perform the work. Not included are the costs of materials for the placement of witness marks and for the marking of corners with concrete and/or metallic monuments. Cement furnished by P & S will be charged for at cost plus 25%. Metallic monuments, if required, will be furnished by the County Surveyor:



