

**REPORT TO: POLICY & RESOURCES COMMITTEE - 9 MAY 2005**

**REPORT ON: CORPORATE GEOGRAPHIC INFORMATION SYSTEM**

**REPORT BY: DIRECTOR OF PLANNING & TRANSPORTATION**

**REPORT NO: 327-2005**

## **1 PURPOSE OF REPORT**

- 1.1 To seek approval of the procurement of a new corporate Geographic Information System (GIS) software platform.

## **2 RECOMMENDATION**

- 2.1 It is recommended that the Committee approves the purchase of the ESRI suite of GIS software products.

## **3 FINANCIAL IMPLICATIONS**

- 3.1 The expenditure identified below will be contained within the Capital and Revenue resources available to the IT Division.

### **Software and Hardware Costs:**

Year 2005-06 - £76,140  
Year 2006-07 - £69,140  
Year 2007-08 - £21,620

### **Annual Maintenance Costs:**

Year 2005-06 - £750  
Year 2006-07 - £17,415  
Year 2007-08 - £27,655  
Year 2008-09 (and thereafter) - £31,150

## **4 LOCAL AGENDA 21 IMPLICATIONS**

- 4.1 A variety of geographical data will be available via the Council's new GIS platform, including environmental data which will assist in pursuing Local Agenda 21 objectives.

## **5 EQUAL OPPORTUNITIES IMPLICATIONS**

- 5.1 A variety of geographical data will be available via the Council's new GIS platform, including environmental data which will assist in pursuing equal opportunities objectives.

## **6 BACKGROUND**

- 6.1 The Council has setup a Corporate GIS Working Group to oversee the creation of a GIS Strategy and a robust GIS platform for the Council. A corporate GIS Project Manager was appointed in February 2005 following approval by the Personnel and

Management Services Committee in December 2004 with the remit to direct and manage the delivery of GIS throughout the Council.

- 6.2 The first task for the Corporate GIS Project Manager was to evaluate the two GIS software suites in order to make a recommendation to the GIS Working Group as to which should provide the Council's corporate GIS platform. The report (which has been passed to each group secretary is also available in the members lounge) has been completed and the recommendation to plan a migration to the ESRI suite from the current dataMap suite has been approved by the GIS Working Group.
- 6.3 The software will enable the Council to develop an intranet based GIS system available to every PC connected to the central network, delivering Ordnance Survey digital maps, aerial photography and Council information such as the Corporate Address Gazetteer or new STV (Single Transferable Vote) ward boundaries.
- 6.4 It will also enable the Council to create an internet GIS presence, delivering geographic information to a much wider audience and developing innovative ways to modernise service delivery.
- 6.5 The purchase will, in addition, provide advanced desktop tools enabling users to fully exploit and manipulate a range of Council information. A robust data warehousing environment will also be created allowing all users of GIS to benefit from a secure and reliable data infrastructure.
- 6.6 Desktop GIS training for advanced GIS users will be expected to be met from Departmental training budgets.

## **7 CONSULTATIONS**

- 7.1 The Chief Executive, Depute Chief Executive (Support Services), Depute Chief Executive (Finance), Assistant Chief Executive (Community Planning) and the Head of Information Technology have been consulted and are in agreement with the contents of this report.

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5 May 2005

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