

**REPORT TO: ENVIRONMENTAL SERVICES AND SUSTAINABILITY COMMITTEE
24 OCTOBER 2005**

**REPORT ON: TENDERS FOR THE SUPPLY OF AIR QUALITY MONITORING
EQUIPMENT**

REPORT BY: HEAD OF ENVIRONMENTAL HEALTH & TRADING STANDARDS

REPORT NO. 620-2005

1.0 PURPOSE OF REPORT

1.1 To seek approval from the Committee for the purchase of a Tapered Element Oscillating Microbalance (TEOM) Particulate Analyser and Partisol Gravimetric Sampler from Air Monitors Ltd.

2.0 RECOMMENDATIONS

2.1 It is recommended that the Committee agrees the content of this report and accepts the tender offers from Air Monitors Ltd. to supply the TEOM Particulate Analyser at £28,500 and the Partisol Gravimetric Sampler at £15,122.

3.0 FINANCIAL IMPLICATIONS

3.1 The cost for the supply of the TEOM Particulate Analyser is £28,500 and the cost of the Partisol Gravimetric Sampler is £15,122 (including filters option). Both amounts shown include necessary extended warranty and service and maintenance contracts.

3.2 The expenditure required for the purchase and installation of the air quality monitoring equipment can be met from the Environmental Health and Trading Standards Department's 2005/2006 capital budget.

4.0 LOCAL AGENDA 21 IMPLICATIONS

4.1 This report addresses the key sustainability themes:

- Pollution is limited to levels at which natural systems can cope
- Health is protected by creating a safe, clean, pleasant environment

5.0 EQUAL OPPORTUNITIES IMPLICATIONS

5.1 None

6.0 REPORT

6.1 In accordance with the National Air Quality Strategy, Dundee City Council is in the process of undertaking the second Review and Assessment of Air Quality in Dundee. The findings of the annual Progress Report 2005, which is the subject of a separate committee report (ref 600-2005), requires further monitoring and assessment of particulates (PM₁₀) to be undertaken by the Council.

- 6.2 Dundee City Council has been awarded a grant under the Local Air Quality: Capital Grant Scheme 2005/2006 towards the purchase and installation of PM₁₀ monitoring equipment, namely TEOM Particulate Analyser and a Partisol Gravimetric Sampler.
- 6.3 In common with other air quality equipment the monitors are specialised in nature and only available from a small number of companies. A number of specialist companies were approached and only two were in a position to tender for the supply of the equipment. Accordingly, tenders were invited for the supply of the equipment from Casella ETI Ltd., Bedford and Air Monitors Ltd., Staunton.
- 6.4 Tenders were received from Casella ETI Ltd. And Air Monitors Ltd. The tenders were closely examined and found to be similar in most respects. The few differences found were considered to be insignificant.
- 6.5 The decision was therefore based on cost, the two applications being as follows:

	TEOM	Partisol
Casella ETI Ltd.	£29,389	£15,336
Air Monitors Ltd.	£28,500	£15,122

- 6.6 Consequently, it is recommended that the tenders received from Air Monitors Ltd. Be accepted for the TEOM Particulate Analyser and the Partisol Gravimetric Sampler.
- 6.7 It should be noted that Architectural Services are arranging the installation of the equipment, which is expected to be completed by the end of January 2006.

7.0 CONSULTATION

- 7.1 Chief Executive
Depute Chief Executive (Support Services)
Depute Chief Executive (Finance)
Director of Planning and Transportation
Director of Economic Development

8.0 BACKGROUND PAPERS

- 8.1 Progress Report 2005
Detailed Assessment, March 2005
Updating and Screening Assessment, May 2003
Part IV of the Environment Act 1995
Local Air Quality Management Technical Guidance LAQM.TG(03)

Albert Oswald
Head of Environmental Health & Trading Standards

17 October 2005