

# Central Berkshire Waste PFI Project EPC Contract



## MONTHLY PROGRESS REPORT

Report No. 18 – Progress to 31 May 2008

**Client:**



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### **Attachments**

- Milestone application forecast

- Project programme

## SUMMARY

Works are progressing in line with the contract programme for the Smallmead Phase 1A area and the Phase 2 area of site.

All Civil works within the building footprint up to grid line 19 are complete. The area grid lines 16-19 have now been handed over to OKLM on the 2.4.08 who have commenced works with delivery /installation of the MRF Plant, other trades within the building are Tyco and MTL.

The office block Brickwork/Cladding is now complete with exception to snagging works, works are progressing with M&E, Screeding, window/curtain walling installation, fire protection and finishes.

The external weighbridges have been handed over to RE3 with only some minor snagging items remaining.

External infrastructure and hard standing areas are almost complete and works are progressing with the preparation of the main car park for surfacing and associated footways and paved areas.

Longshot

Demolition works are now complete and reduced level excavation works ongoing, civils works are progressing in line with the programme for the office Block/ Transfer Station.

Erection of the structural frame to the office block is to commence on the 4<sup>th</sup> June 2008.

## 1 HEALTH SAFETY & ENVIRONMENTAL

There have been no reportable accidents in the period.

ACCIDENT and INCIDENT RECORD	In Period	To date
Reportable	0	0
Non reportable	0	3
Near Misses	5	209

Total Site Man Hours to date without a Lost Time Accident (LTA) **158,603**  
No dangerous occurrences in the period.

A lifting incident occurred on the 27 May 2008, which is currently under review.

## 2 DESIGN

### 2.1 Smallmead

This period has seen the continuation of the phase 2 civil works.

Overall progress is summarised below

- Design of the office electrical layouts has now been completed.
- Detailed design of the office Heating and Ventilation system has now been completed.
- Detailed design of the office fire detection and protection systems have been completed.
- Detailed design of the office/visitors centre has continued.
- Design of the external works to the office block has been completed. Samples of the proposed paving are to be submitted and agreed RE3.

### **MRF – Key summary**

Installation of the plant is progressing with the majority of the components having been delivered to site. Site electrical installation work to the MRF equipment to commence in June.

Subcontract progress meetings with OKLM/Re3 continue to be held on a monthly basis. A SCADA review with Re3 was held at the manufacturers offices (RMR) in the period

### **Longshot**

Longshot construction works has got off to a good start, civils works are complete to the office block to take the erection of the structural frame. The transfer gas membrane works are complete and works are progressing to programme for the floor slab and pushwalls.

Overall progress is summarised below:

- Detailed design of the office cladding has been completed.
- Office architectural details including the window/door schedules have been completed.
- Detailed design of the office masonry details is nearing completion
- Preliminary design of the office H&V system has been carried out.
- The detailed design of the MRF/Bulking Bay primary steelwork has been completed.
- Detailed design proposals for the site drainage and attenuation system have now been submitted to RE3 for comments.
- Details of the proposed weighbridge system have been submitted to RE3 for comments.

### 3 CONSTRUCTION, PROCUREMENT - COMMISSIONING AND OPERATION

#### 3.1 Construction

**Phase 1 Main Site** - All works in line with the Phase 1 contracted works have been completed, certified and handed over to Re3 Limited to enable WRGB to operate from the 11<sup>th</sup> January 2008.

**Phase 1A area** – The main section of the building envelope to grid line 19 is complete with exception to final cladding trims above the office block area.

Works within the building are progressing with The MRF plant installation, fire suppression system and E & I works installation in line with the programme.

**Phase 2** – The office block envelope is now weathertight with exception to the lobby area. Works are well underway with the Screeding, Render and Stud work partitions. The plant room flooring and distribution panels are now in place.

Cables have been routed through to the new kiosk position ready for SSE to make the main line connection.

Weighbridges are now handed over to RE3.

#### 3.2 Matters materially affecting the Works

Nothing to report in the period

#### 3.3 Procurement

The following subcontractors have been appointed (works value below £250,000)

Sheet Piling - Stent  
Fencing works- Bentley Fencing  
Gas Membrane Works – Prestige Air  
Pile Cropping Works - Conder Projects  
Lightning Protection – Protectis  
Mega doors – Crawford doors  
Ventilation Roof Fans – Beatsons  
Weighbridges – Central weighing  
Bliss Brickwork - Brickwork Envelope  
HWRC MCC panel – Safronics  
Dust Control system – Mist- air Environmental  
AMS No Dig – HDD Drilling to bridge  
Tarmac Surfacing – Spade oaks  
Welfare fit out  
Fire protection – CLN  
Attenborough Doors – Roller shutters to bulk bays  
Landscaping – Grace Landscapes

Signage – Masson Sealy  
Armco Barriers – Berry systems  
Sealants/Mastic pointing – Construction sealants

The following subcontractors have been appointed and approved (works value over £250,000)

Bulk Earthworks - Killoughery  
Pre- cast Concrete Piling – Stent  
Structural Steel – SCWS  
Civil Concrete works- Brenco Ltd  
Cladding – Weatherwise  
Fire Protection & Detection – Tyco  
Electrical Installation – MTL 2000 ltd

All subcontractors now placed for completion of Phase 1 Works, Subcontract elements will become in play again once office block is fully designed for phase 2 works.

### 3.4 **Commissioning and Operation**

Works have been completed for the installation of the external permanent weighbridge's with training planned for the 2 June 2008.

## 4 **COMMERCIAL**

Application for the Longshot office retaining wall was made in the period.

### **QUALITY ASSURANCE**

O & M Manuals (for Phase1 at Smallmead) have been put forward complete, and issued in CD format

Quality inspections will continue within the PH1A / PH2 areas as works progress in line with the EPC contractor's procedures.

## 5 **OUTSTANDING ISSUES AND ACTIONS**

Nothing to report

## 6 **KEY ACTIVITIES IN FORTHCOMING PERIOD**

Smallmead- Commencement of finishing trades to the office building, 2<sup>nd</sup> fix electrical works and Mechanical heating and plumbing works.

Longshot – Structural frame completion to the office block and commencement of cladding works.

Civils works to the transfer station and bulkbay foundations.

**7 THIRD PARTY / PUBLIC INTERFACES / COMMUNITY LIAISON**

Third party services covered elsewhere in the report

**Forecast Milestone Application dates**

Smallmead

Nr	Milestone	Date
18	<b>Road Drainage highway connection</b> – foul drainage connection to island road	Apr 08
19	<b>MCC Room building</b> – Completion of building for MRF MCC panels	Jul 08
20	<b>MRF Equipment delivery</b> – Delivery of Mechanical equipment to site for installation to MRF plant	Jul 08
21	<b>Weighbridge</b> - Completion of mechanical installation of weighbridge equipment	Aug 08

Longshot

Nr	Milestone	Date
4	<b>Office retaining wall</b> – completion of retaining wall	May 08
5	<b>Bulking bays concreted</b> – completion of concrete works to bulking bays	Jun 08
6	<b>M&amp;E to transfer station</b> - commencement of M&E installation works to the transfer building	Jul 08
7	<b>Ph 1 overlay to concrete paving</b> – completion of overlay works to the area occupied by phase 1 of the works	Aug 08



Summary Programme – as attached