



Ribble Valley
Borough Council

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DOCUMENT 2

CONDITIONS OF CONTRACT, SPECIFICATION AND FORMS OF TENDER

DEWHURST ROAD, LANGHO – SURFACING IMPROVEMENTS

Engineering Section
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PREAMBLE TO BILL OF QUANTITIES

1. General directions

In the Bill of Quantities, the subheadings and item descriptions identify the work covered by the respective items, read in conjunction with the matters listed against the relevant marginal headings "Item coverage" in part IV of the *Method of Measurement for Highway Works* published by her Majesty's Stationery Office in 1987 and amendments included in these Preambles. The nature and extent of the work is to be ascertained by reference to the drawings, where relevant, specification highway construction details and Conditions of Contract. The rates and prices entered in the Bill of Quantities shall be deemed to be the full inclusive value of the work covered by the several items including the following unless expressly stated otherwise:

- 1.1 Labour and cost in connection therewith.
- 1.2 The supply of materials, goods, storage and costs in connection therewith including waste and delivery to site. Taking delivery of materials and goods supplied by others, unloading, storage and costs in connection therewith.
- 1.3 Plant and costs in connection therewith.
- 1.4 Fixing, erecting and installation or placing of materials and goods in position.
- 1.5 Temporary works.
- 1.6 The effect on the phasing of the works of alterations or additions services and supplies to the extent that such work is set forth or reasonably implied in the documents on which the tender is based.
- 1.7 General obligations, liabilities and risks involved in the execution of the Works set forth or reasonably implied in the documents on which the tender is based.
- 1.8 Establishment charges, overheads and profit.
- 1.9 Waste.
- 1.10 Disposal of material to contractor's tip.
- 1.11 Attendance and transport for sampling and testing carried out by the engineer and supplying results of the tests carried out by the contractor.
- 1.12 Complying with quality assurance standards.
- 1.13 Preparation and supply of detailed working drawing where relevant.

2. Measurement

The measurement of work shall be computed net from the drawings unless stated otherwise in the Method of Measurement. The contractor shall allow in the rates and prices for waste.

3. Pricing of items

Each individual item shall have a rate or price entered against it. Rates and prices shall be expressed to two decimal places. Items against which no rate or price is entered shall be deemed to be covered by the other prices and rates in the Schedule of Rates.

4. Use of alternative specified materials or designs

Where in the contract a choice of alternative materials or designs is indicated for a given purpose, the description billed and the rates and prices inserted shall be deemed to cover any of the permitted alternative materials or designs which the contractor may elect to use. The measurement of such work shall be based upon the thinnest alternative construction permitted by the contract.

5. Privately and publicly owned services or supplies

The information in the contract as to the whereabouts of existing services and the mains is believed to be correct but the contractor shall not be relieved of his obligations under the contract. The contractor shall include in his rates and prices for locating and taking measures for the support and full protection of pipes, cables and other apparatus during the progress of the works obtaining the written consent of the appropriate authority to interrupt the service of supply and for keeping the engineer informed of all arrangements he makes with the owners of the privately owned services or supplies, statutory undertakers and public authorities as appropriate.

6. Labours

Labours in connection with nominated subcontractors shall include:

- 6.1 In the case of work or services executed, for affording the use of existing working space, access, temporary roads, erected scaffolding, working shelters, staging, ladders, hoists, storage, latrines, messing, welfare and other facilities existing on site and the provision of protection, water, electricity for lighting and clearing away rubbish and debris arising from the work.
- 6.2 In the case of goods, materials or services supplied, for taking delivery, unloading, storing, protecting and returning crates, cartons and packing materials.

7. Road works overall requirements

The contractor shall allow in the rates and prices for complying with requirements in respect of pavement construction, horizontal alignments, surface levels and surface regularity of pavement courses, cold weather working, use of surfaces by traffic and construction plant and general requirements for subbases and road bases.

8. Dealing with flow

The contractor shall allow in his rates and prices for taking measures to deal with the existing flow of water, sewerage and the like.

9. Amendment to the Method of Measurement

For the purpose of this contract, the Method of Measurement referred to in Preamble 1 General Directions is amended in accordance with the pages immediately following.

WORKS ITEMS

Item	Description	Unit	Qty	Rate	£	p
PRELIMINARIES						
1.	Allow for thoroughly examining the site of the proposed works and becoming conversant with all necessary details and particulars.		Item			
2.	Allow for carefully inspecting the contract drawings and perusing the Conditions of Services		Item			
3.	Allow for complying with the terms of each of the Conditions of Contract.		Item			
4.	Allow for setting out the works and providing instruments and labour.		Item			
5.	Allow for provision of temporary sanitary conveniences and removal on completion of the works.		Item			
6.	Allow for fencing of works, lighting, watching and traffic control.		Item			
7.	Allow for testing of works and materials as ordered by the engineer.		Item			
8.	Allow for the provision of water for use on site.		Item			
9.	Allow for protecting from injury by frost or inclement weather all work in progress which may be affected thereby.		Item			
10.	Allow for protection against damage during progress of the works to all underground cables, gas or water mains, stop cocks etc. laying on the route of the proposed works.		Item			
11.	Allow for the protection of property.		Item			
12.	Allow for the importation of labour.		Item			
13.	Allow for clearing the site on completion.		Item			
14.	Allow for holiday pay, guaranteed work, conveyance of workmen, etc.		Item			
TOTAL OF PAGE CARRIED TO SUMMARY						

Item	Description	Unit	Qty	Rate	£	p
SECTION A: PROVISIONAL SUMS						
1.	Implement, maintain and remove traffic diversions and signings, lighting and guarding in accordance with Chapter 8 of the Traffic Signs Manual required by the works.	Sum				
2.	Re-build low level stone wall where required at location shown in Drawing No. E0805D/1A. Include for the importation of stone where necessary.	Sum				
SECTION B: SITE CLEARANCE						
1.	Cut back and dispose of overhanging vegetation at the locations shown in Drawing No. E0805D/1-3A.	Item				
2.	Existing surface where proposed works are to be carried out to be completely cleared of all detritus and any loose material and disposed of. Where required treat with weed killer such as Roundup Pro Biactive' or similar Glyphosate based herbicide approved by engineer and applied to manufacturer's specifications upon completion of the clearance and general excavation.	m ²	1765			
SECTION C: EXCAVATION						
1.	Excavate and dispose of surface material to form key for overlay, 450mm wide x 40mm depth.	m ²	134			
2.	Plane off existing degraded surface to a depth not exceeding 40mm to allow overlay to be flush with existing kerbs with falls to existing gullies.	m ²	140			
3.	Excavate and dispose of existing surface material to a depth not exceeding 165mm.	m ³	81			
4.	Excavate and dispose of existing surface material to a depth not exceeding 250mm.	m ³	107			
5.	Excavate and dispose of existing pcc kerbs and associated excavated material.	m	87			
TOTAL OF PAGE CARRIED TO SUMMARY						

Item	Description	Unit	Qty	Rate	£	p
SECTION D: KERBS, CHANNELS AND EDGINGS						
1.	Provide and lay 125 x 255mm pcc half battered kerbs to BS EN 1340:2003, include for all excavation, disposal, concrete bed and haunch. Straight.	m	78			
2.	Provide and lay 125 x 150mm pcc bullnosed kerbs to BS EN 1340:2003, include for all excavation, disposal, concrete bed and haunch. Straight.	m	6			
3.	Provide and lay 125 x 255mm pcc half battered kerbs to BS EN 1340:2003, include for all excavation, disposal, concrete bed and haunch. Radius.	m	3			
SECTION E: SURFACING						
1	Adjust gully to new carriageway level. Gully to be cleaned out and jetted upon completion.	nr	8			
2.	Adjust inspection cover to new carriageway level.	nr	2			
3.	Provide, lay and compact Type 1 stone blinding layer, depth not exceeding 100mm.	m²	492			
4.	Provide, lay and compact Type 1 stone sub-base, depth 150mm.	m²	428			
5.	Provide, lay and compact AC 20 Dense Bin 100/150 to BS EN13108-1, depth 65mm.	m²	920			
6.	Provide, lay, regulate and compact to an average depth of 40mm AC 10 Dense Bin 100/150 to BS EN13108-1, to achieve suitable profile to overlay with falls to existing gullies.	m²	210			
7.	Clean off existing carriageway surface, provide and apply Colas Colbond 50 modified polymer emulsion or similar preforming approved product applied at a spread rate of 1ltr/m² min.	m²	1765			
8.	Provide, lay and compact AC 10 Dense Surf 100/150 to BS EN13108-1, depth 35mm.	m²	428			
TOTAL OF PAGE CARRIED TO SUMMARY						

Item	Description	Unit	Qty	Rate	£	p
9.	Provide, lay and compact SMA 10 Surf 40/60 to BS EN13108-1, depth 40mm.	m²	1765			
TOTAL OF PAGE CARRIED TO SUMMARY						

Item	Description	Unit	Qty	Rate	£	p
	SUMMARY					
	Total of Preliminaries					
	Total of Page 29					
	Total of Page 30					
	Total of Page 31					
	Summary Total					
	Add 10% contingencies					
	TOTAL CARRIED TO FORM OF TENDER					