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| **MARKET HILL, BAWTRY - FOOTPATH RECONSTRUCTION SCHEME****BILL of QUANTITIES** |
|   | **NORTH Footway** |   |   |   |   |
| **Item No** | **Description** | **Unit** | **Quantity** | **Rate** |  **Extension**  |
| 1.01 | Site Management, Welfare and Security | Item | 1 |  |  |
| 1.02 | Taking measures for or construction of temporary diversion for traffic at the location  | Item | 1 |  |  |
| 1.03 | Maintenance of measures for or construction of temporary diversion for traffic at the location | Item | 1 |  |  |
| 1.04 | Removal of measures for or construction of temporary diversion for traffic at the location | Item | 1 |  |  |
|   | **Preliminaries Total (for North & South)** |  | 4.00 |  |  |
| 2.01 | Take up or down & dispose Yorkstone flag paving less than 70mm thick including bedding and base not exceeding 155mm | m2 | 35 |  |  |
| 2.02 | Take up or down & dispose concrete flag paving less than 70mm thick including bedding and base not exceeding 155mm | m2 | 28 |  |  |
| 2.03 | Take up or down & dispose stone setts less than 150mm thick | m2 | 1 |  |  |
| 2.04 | Take up or down & dispose Yorkstone kerbing less than 305mm x 305mm | m | 55 |  |  |
| 2.05 | Take up or down & dispose Yorkstone channel less than 305mm x 305mm | m | 12 |  |  |
| 2.06 | Excavate and dispose to tip existing tarmac footway not exceeding 155mm deep | m2 | 25 |  |  |
| 2.07 | Excavate and dispose to tip existing tarmac footway crossing not exceeding 185mm deep | m2 | 22 |  |  |
| 2.08 | Saw cut existing carriageway not exceeding 250mm deep for new kerbline/ edging | m | 66 |  |  |
| 2.09 | Excavate in carriageway for new kerbline and dispose  | m3 | 4 |  |  |
| 2.10 | Take up or down & dispose concrete edging not exceeding 155mm x 50mm | m | 20 |  |  |
| 2.11 | Take up or down & transport to Bawtry New Hall accessible storage area good quality Yorkstone flag paving less than 70mm thick | m2 | 47 |  |  |
| 2.12 | Take up or down & transport to Bawtry New Hall accessible storage area good quality Yorkstone setts less than 150mm thick | m2 | 6 |  |  |
| 2.13 | Excavate and dispose to tip existing flag bedding | m3 | 1 |  |  |
|   | **Site Clearance Total** |  |  **400.00**  |   |  |
| 5.40 | PROVISIONAL Provide and lay to new levels Grade 1 manhole cover and frame 600mm x 600mm  | no | 2 |  |  |
| 5.41 | Raise or lower by 150mm or less utility cover & frame area not exceeding 0.1 m2. | no | 3 |  |  |
| 5.42 | Raise or lower by 150mm or less Grade A manhole cover & frame area greater than 0.1m2 but not exceeding 1m2 | no | 1 |  |  |
| 5.43 | Raise or lower by 150mm or less British Telecom manhole cover & frame, area greater than 0.1m2 but less than 1m2 | no | 1 |  |  |
| 5.44 | PROVISIONAL Excavation in hard material | m3 | 1 |  |  |
|   | **Drainage & Ducting Total** |  |  **8.00**  |   |  |
| 6.01 | PROVISIONAL Excavation of acceptable material class 5A in cutting & other excavation | m3 | 1 |  |  |
| 6.02 | PROVISIONAL Excavation of unacceptable material class U1 in cutting & other excavation | m3 | 1 |  |  |
| 6.03 | PROVISIONAL Extra over for excavation in hard material | m3 | 1 |  |  |
| 6.04 | PROVISIONAL Disposal of unacceptable material class U2 (see MOM coverage re landfill tax) | m3 | 1 |  |  |
| 6.05 | Completion of formation on acceptable material | m2 | 164 |  |  |
| 6.06 | PROVISIONAL Excavate & dispose unacceptable material class U2 in footway depth not exceeding 165mm | m2 | 1 |  |  |
| 6.07 | PROVISIONAL Excavate & dispose hard material in footway, depth not exceeding 100mm | m2 | 1 |  |  |
| 6.08 | PROVISIONAL Excavate & Dispose unacceptable material class U2 in carriageway depth not exceeding 100mm | m2 | 1 |  |  |
|   |  **Earthworks Total** |  **118.00**  |   |  |
| 7.01 | Dense Binder Course 20mm Aggregate 95mm thick in carriageway (Laid in two layers) | m2 | 12 |  |  |
| 7.02 | Dense surface course 6mm aggregate 25mm thick in carriageway | m2 | 12 |  |  |
| 7.03 | PROVISIONAL Dense 6mm aggregate surface course regulating (2.242 tonne/ m3) | tonne | 1 |  |  |
| 7.04 | Bituminous spray type A in carriageway | m2 | 12 |  |  |
|   | **Pavements Total** |  |  **105.00**  |   |  |
| 11.43 | Vehicular footway crossing construction 230mm thick, consisting of 25mm of 6mm dense surface course, 55mm of 10mm dense base course on 150mm of Type 1 sub-base laid and compacted in two layers | m2 | 20 |  |  |
| 11.43a | PROVISIONAL OPTION Alternative Vehicular Crossing 80mm Traditional smaller unit Tegula blocks laid stretcher bond with kiln dried sand brushed into joints on 30mm gritsand on 150mm Type 1 sub-base laid and compacted in two layers. RATE ONLY REQUIRED & NOT TO BE INCLUDED IN THE TOTALS | m2 | 20 |  | Not Extended |
| 11.44 | PROVISIONAL Type 1/2 sub-base regulating in footway | m3 | 1 |  |  |
| 11.45 | Pre-cast concrete Marshalls Conservation edging 63mm x 150mm laid on 150mm concrete straight or to curves greater than 12m radius to sides and rear of vehicular crossing areas. | m | 13 |  |  |
| 11.46 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x 145mm x 255mm (Harvest Buff) taper kerbing straight or to curves greater than 12m radius | no | 5 |  |  |
| 11.47 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x 145mm x 255mm (Harvest Buff) taper kerbing straight or to curves less than 12m radius | no | 2 |  |  |
| 11.48 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x 145mm (Harvest Buff) laid on 150mm concrete to curves less than 12m radius (dropped radius centre) | m | 7 |  |  |
| 11.49 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x145mm dropped centre kerbing (Harvest Buff) straight or to curves greater than 12m radius | m | 7 |  |  |
| 11.50 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x 255mm (Harvest Buff) straight or to curves greater than 12m radius | m | 50 |  |  |
| 11.51 | Marshalls Conservation flag (Harvest Buff – Textured) or similar approved 50mm thick 600mm wide in 600mm & 450mm lengths laid to stretcher bond (staggered joints) in footway bedded on 40mm gritsand on 110mm thick Type 1 sub-base and pointed with Easy Point mortar grout or similar approved | m2 | 72 |  |  |
| 11.52 | Marshalls Conservation flag (Harvest Buff – Textured) or similar approved 50mm thick 600mm wide in 600mm & 450mm lengths laid to stretcher bond (staggered joints) in footway bedded on 150mm thick C20 concrete and pointed with Easy Point mortar grout or similar approved | m2 | 72 |  |  |
| 11.53 | Marshalls or similar approved concrete Conservation kerbing 145mm x 255mm (Harvest Buff) laid on 150mm of C20 concrete bed and backing laid to curves less than 12m radius | m | 2 |  |  |
| 11.54 | Provide and Install 25mm dia.’ KPC Tactile Stud M140’ or similar approved non-slip studs, at approx 1.8m spacing and glued in place (forecourt demarcation north of the Crown Hotel) | no | 9 |  |  |
| 11.55 | Provide and Install ‘One Piece’ or similar approved multi- slotted drainage channel laid across the footway, bedded on C20 concrete 150mm thick pointed with Easy Point mortar grout or similar approved. Outlet slots cut/formed through new kerbline. Colour to match new paving | m | 3 |  |  |
|   | **Footways Total** |  |  **300.00**  |   |  |
| **01** |    **Preliminaries** |  |
| **02** | **Site Clearance** |   | 400 |   |  |
| **05** | **Drainage & Ducting** |   | 8 |  |
| **06** | **Earthworks** |   | 118 |  |
| **07** | **Pavements** |   | 105 |  |
| **11** | **Footways** |   | 300 |  |
|   | **TOTAL NORTH Footway** |   | 935 |  |
|  |  |  |  |  |  |
|   |  **SOUTH Footway** |   |   |   |   |
| **Item No** | **Description** | **Unit** | **Quantity** | **Rate** |  **Extension**  |
| 2.14 | Take up or down & dispose Concrete flag paving less than 70mm thick including bedding and base not exceeding 155mm deep | m2 | 148 |  |  |
| 2.15 | Excavate and dispose to tip existing tarmac footway not exceeding 155mm deep | m2 | 82 |  |  |
| 2.16 | Excavate and dispose to tip existing concrete footway not exceeding 155mm deep | m2 | 26 |  |  |
| 2.17 | Excavate and dispose to tip existing tarmac footway crossing not exceeding 185mm deep | m2 | 21 |  |  |
| 2.18 | Excavate and dispose to tip existing concrete footway crossing not exceeding 185mm deep | m2 | 11 |  |  |
| 2.19 | Saw cut existing carriageway not exceeding 250mm deep for new kerbline/ edging. | m | 114 |  |  |
| 2.20 | Excavate in carriageway for new kerbline and dispose  | m3 | 4 |  |  |
| 2.21 | Take up or down & transport to Bawtry New Hall accessible storage area good quality Yorkstone flag paving less than 70mm thick | m2 | 6 |  |  |
| 2.22 | Take up or down and set aside for re-use metal fence posts & post anchor supports outside Ziniz (banners and wire rail to be removed by others).  | no | 8 |  |  |
|   | **Site Clearance Total** |  |  **448.00**  |   |  |
| 5.50 | Raise or lower by 150mm or less utility cover & frame area not exceeding 0.1 m2 | no | 7 |  |  |
| 5.51 | Raise or lower by 150mm or less Grade A manhole cover & frame area greater than 0.1m2 but not exceeding 1m2 | no | 2 |  |  |
| 5.52 | Raise or lower by 150mm or less British Telecom manhole cover & frame, area greater than 0.1m2 but less than 1m2 | no | 2 |  |  |
| 5.53 | Outside the Tasting Note lower the cellar shaft support walls and make good to brickwork. Excavate for and provide insitu C20 reinforced concrete 225mm x 225mm bearing pads to the outsides of the required supporting walls. Provide and lay contiguous supporting precast concrete lintels across the opening. Cover the lintels with DPM and place the existing steel plate on top and below the proposed footway construction greater than 2 m2 but less than 4 m2  | no | 1 |  |  |
| 5.54 | PROVISIONAL Excavation in hard material | m3 | 1 |  |  |
|   | **Drainage & Ducting Total** |  |  **14.00**  |   |  |
| 6.20 | PROVISIONAL Excavation of acceptable material class 5A in cutting & other excavation | m3 | 1 |  |  |
| 6.21 | PROVISIONAL Excavation of unacceptable material class U1 in cutting & other excavation | m3 | 1 |  |  |
| 6.22 | PROVISIONAL Extra over for excavation in hard material | m3 | 1 |  |  |
| 6.23 | PROVISIONAL Disposal of unacceptable material class U2 (see MOM coverage re landfill tax) | m3 | 1 |  |  |
| 6.24 | Completion of formation on acceptable material | m2 | 294 |  |  |
| 6.25 | PROVISIONAL Excavate & dispose unacceptable material class U2 in footway depth not exceeding 165mm | m2 | 1 |  |  |
| 6.26 | PROVISIONAL Excavate & dispose hard material in footway, depth not exceeding 185mm | m2 | 1 |  |  |
| 6.27 | PROVISIONAL Excavate & Dispose unacceptable material class U2 in carriageway depth not exceeding 185mm | m2 | 1 |  |  |
|   |  **Earthworks Total** |  **319.00**  |   |  |
| 7.11 | Dense Binder Course 20mm Aggregate 95mm thick in carriageway (Laid in two layers) | m2 | 15 |  |  |
| 7.12 | Dense surface course 6mm aggregate 25mm thick in carriageway | m2 | 15 |  |  |
| 7.13 | PROVISIONAL Dense 6mm aggregate surface course regulating (2.242 tonne/ m3 ) | tonne | 1 |  |  |
| 7.14 | Bituminous spray type A in carriageway | m2 | 115 |  |  |
|   | **Pavements Total** |  |  **260.00**  |   |  |
| 11.63 | Vehicular footway crossing construction 230mm thick, consisting of 25mm of 6mm dense surface course, 55mm of 10mm Dense base course on 150mm of Type 1 sub-base laid and compacted in two layers | m2 | 39 |  |  |
| 11.63a | PROVISIONAL OPTION Alternative Vehicular Crossing 80mm Traditional smaller unit Tegula blocks laid stretcher bond with kiln dried sand brushed into joints on 30mm gritsand on 150mm Type 1 sub-base laid and compacted in two layers. RATE ONLY REQUIRED & NOT TO BE INCLUDED IN THE TOTALS | m2 | 39 |  | Not Extended |
| 11.64 | Tactile Blister Buff Paving, 400mm x 400mm x 65mm laid on C20 concrete to the same depth as the adjoining paving enclosed within a concrete block as edging – suitable contrasting colour to be agreed | m2 | 2 |  |  |
| 11.65 | PROVISIONAL Type 1/2 sub-base regulating in footway | m3 | 1 |  |  |
| 11.66 | Pre-cast concrete Marshalls Conservation edging 63mm x 150mm laid on 150mm concrete straight or to curves greater than 12m radius to sides and rear of Vehicular crossing areas | m | 29 |  |  |
| 11.67 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x 255mm (Harvest Buff) straight or to curves greater than 12m radius | m | 89 |  |  |
| 11.68 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x 145mm x 255mm taper kerbing (Harvest Buff) laid on 150mm concrete straight or to curves greater than 12m radius  | no | 9 |  |  |
| 11.69 | Pre-cast concrete Marshalls Conservation kerbing or similar approved group 145mm x145mm dropped centre kerbing (Harvest Buff) straight or to curves greater than 12m radius | m | 12 |  |  |
| 11.70 | Pre-cast concrete Marshalls Conservation Quadrant kerb (Harvest Buff) or similar approved  | no | 1 |  |  |
| 11.71 | Marshalls Conservation flag (Harvest Buff – Textured) or similar approved 50mm thick 600mm wide in 600mm & 450mm lengths laid to stretcher bond (staggered joints) in footway bedded on 40mm gritsand on 110mm thick Type 1 sub-base and pointed with Easy Point mortar grout or similar approved | m2 | 165 |  |  |
| 11.72 | Marshalls Conservation flag (Harvest Buff – Textured) or similar approved 50mm thick 600mm wide in 600mm & 450mm lengths laid to stretcher bond (staggered joints) in footway bedded on 150mm thick C20 concrete and pointed with Easy Point mortar grout or similar approved | m2 | 90 |  |  |
| 11.73 | Take from store and reset/ refix anchor supports & fence posts to the front of Ziniz | no | 8 |  |  |
| 11.74 | Provide and Install 25mm dia.’ KPC Tactile Stud M140’ or similar approved non-slip studs, at approx 1.8m spacing and glued in place (footpath width demarcation outside the Town House) | no | 7 |  |  |
| 11.75 | Provide and Install ‘One Piece’ or similar approved multi-slotted drainage channel laid across footway, bedded on C20 concrete 150mm thick pointed with Easy Point mortar grout or similar approved. Outlet slots cut/formed through new kerbline. Colour to match new paving | m | 4 |  |  |
|   | **Footways Total** |  |  **544.00**  |  |  |
| **02** | **Site Clearance** |   | 448 |   |  |
| **05** | **Drainage & Ducting** |   | 14 |  |
| **06** | **Earthworks** |   | 319 |  |
| **07** | **Pavements** |   | 260 |  |
| **11** | **Footways** |   | 544 |  |
|   | **TOTAL SOUTH Footway** |   | 1585 |  |
|  |
|  | **NORTH Footway Total** |   |   |   |  |
|  | **SOUTH Footway Total** |   |   |   |  |
|   | **FOOTWAY SCHEME TOTAL** |   |   |   |  |

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|  | **Potential Optional Material Price Comparison** | **Quantity** | **Unit** | **Rate** |
|  | **Provide material supply prices only** |  |  |  |
|  | Marshalls 50mm Conservation paving included in BoQ | All quantities as per BoQ | m2 |  |
|  | Marshalls 63 mm Perfecta paving | m2 |  |
|  | Marshalls 145mm x 225mm Conservation kerbing included in BoQ | m |  |
|  | Marshalls 125mm x 255mm Saxon kerbing | m |  |
|  |  |  |  |  |