

SUB-CONTRACT ENQUIRY

DATE: 22 July 2022
QUERIES TO: Paul Devine (Project Manager) 07967 039653
Peter Faulkner (Senior QS) 07921 470002

M621 Junction Improvements Project

Junction 2 Works

Keltbray is about to commence the above design and build project as part of our Regional Delivery Partnership ("RDP") Framework Contract with National Highways. We would be pleased to receive your tender for the delivery of the Junction 2 package in accordance with the documents and conditions listed below:

1. The conditions of subcontract will be the NEC4 Engineering and Construction Subcontract, Option A. The draft Subcontract documents are attached.
2. Your Prices should include for all works necessary to complete the works detailed in this document and on the drawings. You should allow for all design, supervision, labour, plant and materials required to execute the works.
3. Current start date for the works is 6 October 2022. Current completion date for the works is 23 January 2024.
4. Your tender is to be fixed price and should remain valid for acceptance for the duration of the contract. The priced document should be returned no later than **12 August 2022**.
5. Please refer to the attendance schedule below. If you do not agree with the attendance schedule, your tender should clearly indicate any temporary works, attendances, supplies or alike which you require Keltbray to provide to enable you to carry out your works.

Please find appended the following documents:

1. Keltbray Highways Ltd. NEC4 Option A - Subcontract Agreement and Subcontract Data DRAFT. This is in native format so that tenderers can provide comments as applicable. Tenderers are to provide a populated version of Subcontract Data Part Two.
2. Subcontract Document: Schedule 1 Subcontract Scope. Please note that this includes the following documents:
 - a. M621 J1 to J7 Improvements Scope Part One.pdf. This is NH's generic Scope document for RDP projects. This document will be incorporated into the final Subcontract.
 - b. M621 Scope Part 2 Scope.pdf. This is NH's project-specific Scope document. This document will be incorporated into the Subcontract.
 - c. HSQE Policies. This is a summary of the health and safety policies that the Subcontractor will need to comply with and that will form part of the final Subcontract. Copies available upon request.
 - d. Additional National Highways Scope documents. The Subcontract Scope Part One and Part Two documents above cross refer to separate National Highways

documents. These are the separate documents. They will form part of the final Subcontract.

- e. Drawings zip file. These are the current drawings for the package and tenderers should include everything included on these drawings in their price. Tenderers will note that these are not 'construction issue' drawings, but they are not expected to change significantly.
 - f. Junction 2 Drawing Schedule spreadsheet.
- 3. Subcontract Document: Schedule 2 Site Information.
 - 4. Subcontract Document: Schedule 4 Option X20 Incentive Schedule. Please note that this is subject to minor.
 - 5. Subcontract Document: Schedule 5 Insurance Requirements.
 - 6. Subcontract Document: Schedule 6 Option Z clauses. This is provided in native format so tenderers can provide comments as applicable.
 - 7. Subcontract Document: Schedule 9 Schedule of Cost Components.
 - 8. Subcontract Document: Schedule 11 Data Processing Agreement.

Please note that Schedule 3 of the Subcontract Documents will be the Early Warning Register which can potentially be developed with the preferred tenderer and later incorporated into the final Subcontract if applicable. Schedule 8 is not currently being used. Schedule 7 will be the Subcontractor's final Activity Schedule. Schedule 10 will be the Pre-Subcontract Meeting Minutes once drafted.

- 9. Spreadsheet named: M621 Junction 2. While this Subcontract will be an Option A, this is a summary of indicative quantities for the subcontract works. However, Keltbray do not warrant the accuracy of the items and quantities in this document and tenderers will be expected to establish its own quantities in preparing a tender.
- 10. Supplier Level 3 v1. Please populate this document and return with your tender alongside any applicable supporting documents.

GUIDANCE FOR PRICING

Contract and Project Information

Contract Information

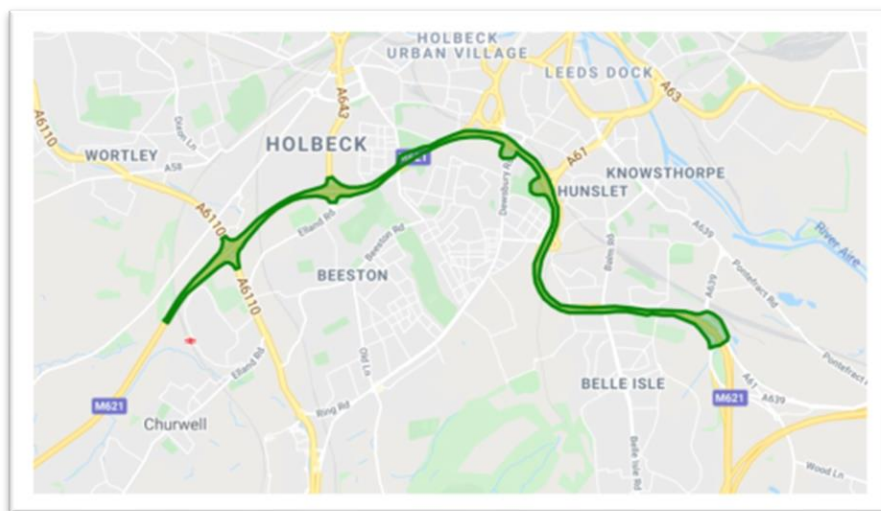
The National Highways RDP Framework Contract is a £8.7 billion programme for improving its road network across England. The contract, developed under the Routes to Market programme, provides incentives for companies to produce better outcomes under the contract, including:

- Shorter duration and more accurate management of roadworks to help drivers better plan their journeys and experience predictable journey times.
- Buying more efficiently and buying locally - using the capability of a region to benefit the region.
- Encouraging innovation, for example lighting and signs designed to need less maintenance, reducing disruption and improving road worker safety.
- Reduced road noise and increased environmental benefits.

The work is arranged into 18 Packages of schemes, awarded to Delivery Integration Partners in bands of up to £100m (lots 1 to 3) and over £100m (lots 4 to 8). Keltbray is part of Lot 3, which is for the delivery of packages of work and standalone schemes with an estimated value up to £100m. Lot 3 schemes will be in the Yorkshire and the Humber, North East and North West regions.

Project Information

The Scheme boundaries are approximately from marker post 5/0 to marker post 11/5 of the M621 urban motorway in Leeds in Yorkshire. An extract from the scheme information drawing is below:



The M621 is an urban motorway which runs from junction 27 of the M62 to junction 43 of the M1 and is a vital link between Leeds city centre and surrounding road network. The road is heavily constrained by adjacent residential areas and development, Noise Important Areas (NIA) and an Air Quality Management Area (AQMA) with its junctions in very close proximity to each other.

The M621 currently experiences congestion during the peak AM and PM periods, which results in poor journey time reliability. Leeds City Council's current proposals for the redevelopment of the south bank area of Leeds and which include plans to close some city centre routes to all private vehicles, is likely to increase traffic flows on the M621 and exacerbate these issues and consequently the project aims to maximise traffic capacity on the existing M621 to alleviate both the existing and forecast future congestion.

The high-level objectives of the scheme are as follows **(please note that the contractual High Level Requirements are included in the Scope Part Two document (Part 2A) and the Subcontractor will be contractually bound by these requirements as applicable)**:

- Increase capacity and improve journey time reliability
- Improve the safety of the scheme corridor for road users
- Provide better and real-time information to road users
- Avoid and mitigate potential environmental impacts of the scheme and enhance, where possible, the built and natural environment
- Support Leeds City Council's development plans including updates to the Leeds transport network, where possible.

The proposed scheme includes the following changes to the road layout and lane configuration:

- Introduces free flowing connections between the M621 & A643 at junction 2
- Adding an additional lane to the roundabout at junction 2
- Providing two lanes through junction 3 westbound, instead of the one lane at present
- Changing junction 3 westbound to give priority to the main M621 traffic and reducing the on slip to one lane. This creates a junction where traffic merges from the on slip road on the right-hand side of the carriageway
- Adding a third lane between junction 2 and 3 westbound by converting the existing hard shoulder and auxiliary lanes
- Closure of junction 2a westbound to enable the improvement at junction 3
- Providing improved motorway technology along the M621
- Adding a third lane between junction 2 and 1 westbound by converting the existing hard shoulder.

The carriageway side running from the M62 end of the M621 towards the M1 is known as the A track. The carriageway side running from the M1 end of the M621 towards the M62 is known as the B track.

Keltbray key team members and contact details

Lead	Keltbray	Email
Major Projects Director	Louise Pavitt	louise.pavitt@keltbray.com
Project Director	Jon Collett	jonathan.collett@keltbray.com
Senior Project Manager	Paul Devine	paul.devine@keltbray.com
Commercial Manager	Luke Widdowson	luke.widdowson@keltbray.com
Senior Quantity Surveyor	Anna Piatkowska	anna.piatkowska@keltbray.com
Senior Quantity Surveyor	Peter Faulkner	peter.faulkner@keltbray.com
Head of Planning Controls	Ian Gannon	ian.gannon@keltbray.com

Planning Manager	Andrew Beckett	andrew.beckett@keltbray.com
Planner	Jake Bates	jake.bates@keltbray.com
Environment	Stephen Skalecki	stephen.skalecki@keltbray.com

Office, compound and welfare facilities

The main office and compound location will be in Bridgewater Road, Leeds LS9 0RQ. Location below:



A smaller satellite compound with welfare facilities will be provided off junction 2 at Bobby Collins Way, Leeds LS11 0EY. The junction 2 works will be run from this compound and it should be assumed that the Subcontractor will not have access to the above Bridgewater Road compound. Location of Bobby Collins way compound is below:



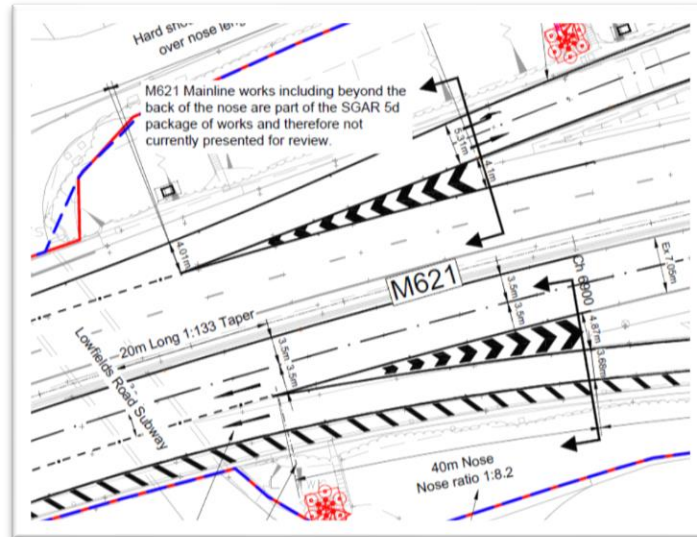
1. Scope

1(a) General

This package is to provide all supervision, labour, plant and materials to deliver the works known as the "Junction 2 package". The package includes the A643 roundabout

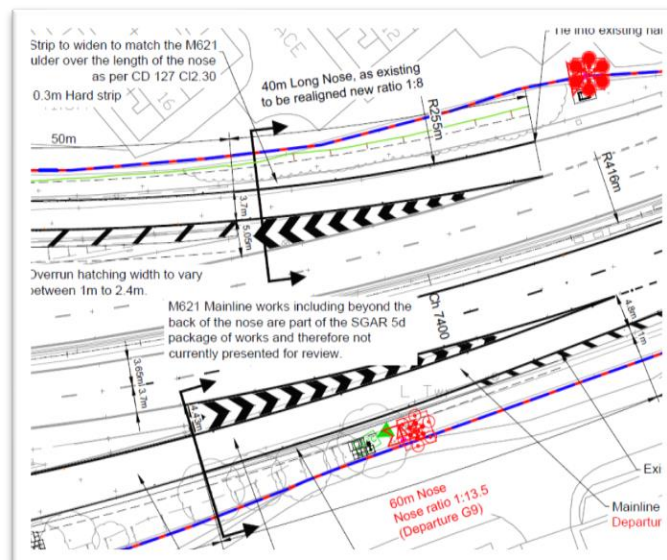
improvements and other packages of work as described below. The extent of the work locations in the A643 roundabout section is shown in the following extracts of the drawings.

Drawing HE551464-BWB-HGN-03-DR-CH-0100_General Arrangement and Geometry Layout-S4-P05:



Western extent of the roundabout section is shown on the two cut line arrows above. Everything to the right of the cut lines is included in the package, everything to the left is excluded.

Drawing HE551464-BWB-HGN-06-DR-CH-0100_General Arrangement and Geometry Layout-S4-P07



Eastern extent of the roundabout section is shown on the two cut line arrows above. Everything to the left of the cut lines is included in the package, everything to the right is excluded.

This package will also include works to the Cemetery Road/Elland Road junction, and the works required to close off Junction 2A. Please see notes on these parts of the package below.

To gain an understanding of the phasing/sequencing that may be required for works to the Junction 2 roundabout, attention is drawn in particular to drawing no. HE551464-WAY-HTS-XX-DR-EC-1202_M621 J2 - General Arrangement-S4-P01, which is included in the drawings folder in Schedule 1.

1(b) Drawings

Please see folder included in the Schedule 1 zip file which contains all of the current drawings. Keltbray expect the tenderers to use their expertise/experience and engage collaboratively with Keltbray during the tender period to identify efficiencies in the subcontract works. This may lead to appropriate amendments being made to the Scope. As an aid to tenderers, we have provided a schedule of all drawings provided in the Scope section (spreadsheet named "Junction 2 Drawing Schedule". Please note that we still await the following design information so cannot provide it with this enquiry:

1. Cut and fill earthworks quantities. Currently, Keltbray has only assessed the roundabout widening quantities based on the proposed top of kerb level. A full level survey is currently being undertaken by Keltbray's engineers and we can provide the outcome of this survey for information purposes during the tender process. Note our comments in the Pricing section below however regarding any quantities provided by Keltbray and the intention to let this subcontract under Option A.
2. 1400 series works.
3. Cemetery Road works: the Main Contract includes redevelopment of the junction of Cemetery Road and Elland Road. At present, we can only provide a general arrangement drawing (HE551464-BWB-HGN-XX-SK-C-SK032). Tenderers should provide a budget estimate based on this general arrangement, but it will be acknowledged by Keltbray that this estimate will be subject to change once tenderers receive more detailed drawings.
4. Junction 2A works: Junction 2A of the M621 will be closed off once the works to improve capacity at Junction 2 have been completed. We do not currently have drawings which show the details of the closure and reinstatement specification etc.

Our intention is to negotiate the above parts of the subcontract works with the preferred tenderer as the design becomes available.

Please note that the drawings provided with this enquiry have not been fully approved by National Highways however we do not expect significant changes. Any revisions can be communicated to any preferred tenderers during the tender process.

1(c) Site Information

Please refer to the Schedule 2 zip folder which contains all of the current Site Information.

1(d) Other

To aid with Keltbray's reporting requirements to National Highways, the Subcontractor prepares forecasts of the final Price for Work Done to Date for the whole of the subcontract works in consultation with the Contractor and submits them to the Contractor. Forecasts are prepared at monthly intervals from the subcontract starting date until Completion of the whole

of the subcontract works. An explanation of the changes made since the previous forecast is submitted with each forecast.

2. Programme

The Subcontractor will produce its own programme in accordance with clause 31 of the Subcontract.

3. Working hours

The working hours required for delivery of the junction 2 package should be determined by the Subcontractor based on the drawings/specifications, and any restrictions highlighted by National Highways in its Scope documents (provided with this enquiry).

4. Pricing

The Subcontract will be a NEC4 Engineering and Construction Subcontract Option A with amendments. The draft Subcontract Documents are included within this enquiry. The tenderer is therefore responsible for determining quantities and for production of an Activity Schedule. Please refer to the spreadsheet named "M621 Junction 2" attached. Keltbray do not warrant the accuracy of the items and quantities in this document and tenderers will be expected to establish its own quantities in preparing a tender.

5. Attendances

Please refer to the high level attendances schedule below. A more detailed attendance schedule will be agreed with the Subcontract during the Pre-Subcontract Meeting.

ID	Description	S/C	Keltbray
1	Shared Welfare Facilities		✓
2	Car Parking – Off site Parking Only	✓	
3	Callout Charges	✓	
4	Setting out (Keltbray to provide control stations however)	✓	
5	Storage Huts / Containers (if applicable)	✓	
6	Security of own S/C Equipment, Plant, Materials etc.	✓	
7	Water	✓	
8	Task Lighting	✓	
9	Small Tools	✓	
10	Skips for General Rubbish/Waste	✓	
11	Forklifts	✓	
12	Unloading and Distribution	✓	
13	Cleaning / Clearing Waste	✓	
14	Protection of S/C Works	✓	
15	Protection of Adjacent Works/Buildings	✓	
16	Traffic/Pedestrian Management		✓
17	Pedestrian and Traffic Barriers within localized work areas	✓	

18	Personal Protective Equipment	✓	
19	Full Supervision (including engineer(s)) and Management of S/C Work	✓	
20	Temporary Works	✓	
21	Fuel	✓	
22	Removal of Debris/Rubbish/Waste to Skips	✓	

Note: all personnel of the Subcontractor will be required to possess or obtain a National Highways Passport (<https://nationalhighways.co.uk/suppliers/health-safety-and-wellbeing/highways-passport/>). Subcontractor personnel will also be required to attend inductions and the like at his cost. Subcontractor is also required to wear National Highways PPE to be procured at its cost.

6. Payment Terms

The period for payment will be 19 days after the date on which payment becomes due under the contract. The amount due includes, but is not limited to, payment for work which the Subcontractor has completed from the previous assessment date up to the current assessment date in the contract. The Subcontractor must include a provision in any subsubcontracts that the period for payment is to be not greater than 23 days after the date on which payment becomes due under the subsubcontract, and a provision requiring the Subcontractor to assess the amount due to a subsubcontractor without taking into account the amount paid by Keltbray.

7. Documents to be returned by tenderers

Tenderers are to return the following documents:

1. Draft Activity Schedule.
2. Quantities that the Activity Schedule is based on, broken down into the Series numbers stated in Volume 4 of the Manual of Contract Documents for Highways Works.
3. Budget estimate for Cemetery Road works as shown on drawing number HE551464-BWB-HGN-XX-SK-C-SK032.
4. High level construction programme.
5. Indication of any assumptions, exclusions etc. included in submission.
6. Completed Subcontract Data Part Two.
7. Completion Supplier Level 3 document with supporting documents as appendices.
8. Summary of works that will be sub-subcontracted.

If you have any queries relating to the details contained within this enquiry do not hesitate to contact the undersigned.

Yours faithfully,

Peter Faulkner

Senior Quantity Surveyor