

# Scope of Requirements - Switches and Crossings Installation at NTS Motherwell Depot

## 1.0 Introduction

NTS (Nuclear Transport Solutions) has recently signed a new lease agreement with Network Rail at its Motherwell depot and a track renewal project has been identified through internal and independent track inspections covering the new infrastructure captured within the new lease.

The scope of the infrastructure requiring replacement includes:

- The replacement of three sets of switches.
- The replacement of one crossing (rail only)
- The replacement of one half set of switches.
- The replacement of one right-handed half set switch.

The programme of works will be completed during normal daytime hours and must not affect normal depot operational activities.

## 2.0 Site Visits

2.1 Site visits are planned to be arranged for the 08<sup>th</sup> of June and will be hosted by the NTS national facilities manager and facilities engineer.

2.2 A walk through of the site will be completed on the day with all areas included in the scope to ensure visual inspections can be completed by any contractors to identify a full list of components required to deliver the scope.

2.3 All visitors must bring Network Rail approved hi visibility clothing, safety boots and a form of photo id.

## 3.0 Scope of Works

3.1 The track work areas concerned within the depot are laid to wooden sleepers and timbers and the track condition in these areas is satisfactory.

3.2 All supplied rail components including switches and crossings must be new and not serviceable.

3.3 The contractor will ensure that any new installations are correctly connected to the existing infrastructure in accordance with NR/L2/TRK/001 and full alignment checks are

completed to ensure there are no dips or kinks and any gauge measurements outside the specifications detailed in the standards.

3.4 The contractor must identify if there are any requirements to supply additional ballast as part of the scope of the works and ensure this is installed as per the standards.

3.5 On completion of the works the contractor must provide a detailed inspection report to NTS confirming the installations have been completed in accordance with NR/L2/TRK/001 standards and the lines can be reopened to traffic.

3.6 NTS will require the contractor to return between 4-6 weeks post completion date to complete another inspection to confirm no issues have arisen following the opening of the lines to NTS rail traffic.

3.7 All redundant rail components must be removed from site by the contractor and provide waste transfer notes identifying the waste contractor and waste route used.

3.8 Set down areas will be agreed with NTS prior to any work commencing.

3.9 HGV and heavy plant and machinery is accessible to the site via the Network Rail depot and the NTS main gate. Access and egress will be managed by NTS and contractor leads.

3.10 The work sites for each area will be created by the NTS COSS (controller of site safety) and will be managed under NTS local instruction LI 015 protection of workforce during maintenance of trackwork at Motherwell depot.

#### 4.0 Hours of Work

4.1 General working times will be between 08.00 – 16.00 Monday to Friday unless alternative working arrangements are agreed between NTS and the contractor prior to the commencement of the works.

#### 5.0 Security Management

5.1 All contractor employees must be booked in advance with the NTS security team for the duration of the works. The facilities team will coordinate this.

5.2 The security management of materials, tools and equipment on site will be agreed with the NTS COSS and the contractor prior to the works commencing.

5.3 All contractor employees must ensure they carry their NTS visitor pass with them while on site at all times.

5.4 Access and egress from the site will be managed by the NTS COSS.

## 6.0 Safety

6.1 The contractor must ensure all its employees wear industry approved PPE while on site in accordance with their method statements, risk assessments and site instructions.

6.2 A site induction will be provided by the NTS COSS prior to commencement of any work.

6.3 A permit to work will be issued by the COSS to the contractor lead.

6.4 All contractor employees must be PTS trained to enter the depot sidings.

6.5 The NTS COSS will be responsible for setting up the safe systems of work and possessions on site and provide a COSS briefing to the contractor employees to sign up to.

6.6 Any machinery, tools and equipment to be used during the works must be fit for use and industry approved. Any associated test records must be available on site which includes PAT testing for any electrical equipment. All electrical equipment must be 110 volts.

6.7 Any lubricants, greases or oils identified must be industry approved and a COSHH assessment must be available to inspect if required.

6.8 All documents associated with the works must be submitted 14 days prior to the works start date to allow NTS review and approval. These will include:

- Method statements
- Risk assessments
- COSHH assessments
- PTS certification
- Training records for all contractor employees
- Any machinery or tools inspection records

6.9 The contractor must detail in its proposal if they are required to use any sub contractors associated with the works. Any sub-contractor documentation again must be submitted 14 days prior to the works commencement date for review by NTS.

6.10 Any accidents on site must be reported to your employer and also the NTS COSS.

## 7.0 Welfare Arrangements

7.1 As part of the site induction the contractor will be advised that they can use the welfare facilities in the main building during normal working hours.

## 8.0 Documentation

8.1 The contractor is required to provide any company information directly linked to these works. For example:

- ISO certification
- Training matrix
- Company policies for example health and safety and drugs and alcohol.
- Company track standards if applicable.
- Company procedures for example accident reporting.

### Definitions

NTS	Nuclear Transport Solutions
COSS	Control of site safety
COSHH	Control of substances hazardous to health
PPE	Personal protective equipment