



Foto: Axel Hartmann

# **Process rules** for the **prequalification system** Deutsche Bahn AG Infrastructure Procurement

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Deutsche Bahn AG

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Infrastructure Procurement

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Supplier Management and  
Quality Assurance

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Last modified: August 5, 2019

## Contents

<b>1 Fundamental aspects of the prequalification system</b>	<b>4</b>
1.1 Legal bases	4
1.2 Information and documents concerning the prequalification process	4
1.3 Categories with established qualification systems	4
1.4 Participation in the prequalification process and fee	5
1.5 Supplier qualification - conditions for qualification	5
1.6 Entity performing the prequalification	5
<b>2 Prequalification principles</b>	<b>6</b>
<b>3 Prequalification process</b>	<b>8</b>
3.1 General	8
3.2 Prequalification in a category	9
3.2.1 Stage 1	9
3.2.2 Stage 2	9
3.3 Additions to prequalifications in a category	9
3.4 Requalification of an existing prequalification	10
3.5 Conditional prequalification	10
3.5.1 Granting of a conditional prequalification	10
3.5.2 Replacement of a conditional prequalification	10
3.6 Widening of an existing prequalification	11
<b>4 Prequalification - term of validity, obligations and conditions for obtaining and maintaining this status as well as grounds for exclusion under procurement law</b>	<b>12</b>
4.1 Term of validity of the prequalification	12
4.2 Obligations during implementation of the prequalification process and the term of validity of the prequalification	12
4.3 Reasonable doubts as to the supplier expertise or capability of the company, grounds for exclusion	13
<b>5 Fees for the prequalification process</b>	<b>14</b>
5.1 Basics	14
5.2 Table of fees	14
<b>6 Special process rules for the categories in the prequalification system</b>	<b>15</b>
6.1 Permanent way, conventional- ballast	15
6.2 General earthworks and civil engineering	20
6.3 Construction services for cables	24
6.4 Special foundation engineering	28
6.5 Structural engineering	32

6.6 Safety services	37
6.7 Design of structural installations	39
6.8 Construction supervision	43
6.9 Design of electrotechnical installations	45
6.10 Design of overhead line systems	48
6.11 Overhead line systems	51
6.12 Traction powerlines, new construction/conversion	53
6.13 Switch heaters	55
6.14 DC S-Bahn power systems	58

# 1 Fundamental aspects of the prequalification system

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## 1.1 Legal bases

### Sector Ordinance

On the basis of the Sector Ordinance ("SektVO"), Deutsche Bahn AG and its affiliates ("DB AG") have established a qualification system as defined in Section 48 SektVO ("**prequalification process – PQ process**") within their Infrastructure Procurement division in order to determine the supplier expertise and capability of companies and to establish that there are no grounds for exclusion.

### Announcement of a qualification system – sectors

Every year, the EU Journals include announcements about the existence of a qualification system for each category for which a qualification system has been established.

### List of prequalified companies

Companies are added to a list after successfully completing the prequalification process. This list is available at:

<https://www.deutschebahn.com/de/geschaefte/lieferantenportal/Lieferantenregistrierung/Praequalifikation>

-> "Infrastructure"

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## 1.2 Information and documents concerning the prequalification process

Further documents concerning the prequalification process are also available at:

<https://www.deutschebahn.com/de/geschaefte/lieferantenportal/Lieferantenregistrierung/Praequalifikation>

-> "Infrastructure"

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## 1.3 Categories with established qualification systems

- 1 Permanent way, conventional-ballast
- 2 General earthworks and civil engineering
- 3 Construction services for cables
- 4 Special foundation engineering
- 5 Structural engineering
- 6 Construction supervision
- 7 Safety services
- 8 Design of structural installations
- 9 Design of electrotechnical installations
- 10 DC S-Bahn power systems
- 11 Switch heaters
- 12 Design of overhead line systems
- 13 Overhead line systems
- 14 Traction powerlines, new construction/conversion

In the above categories, companies can prequalify in commodity groups assigned to the categories. Their contents and assignment can be seen in the "[Special process rules](#)" set out in [Section 6](#).

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## 1.4 Participation in the prequalification process and fee

### Request to participate ("**application**")

Companies can submit an application at any time for prequalification in one or more categories.

An application counts as submitted once the applicant's registration has been confirmed by Deutsche Bahn AG and the applicant has been sent the qualification questionnaire.

Applications must be submitted in the desired category and separately for each relevant application type as per Sections 3.2 to 3.6 below.

The prequalification process includes stage 1 as per Section 3.2.1 and normally stage 2 as per Section 3.2.2.

### Registration

The applicant registers for the selected category on the supplier portal of Deutsche Bahn AG at:

<https://smart.noncd.db.de/>

Existing suppliers can proactively initiate new events from their supplier profile.

The system distinguishes automatically between:

- Qualification  
Applications as per Sections: 3.2, 3.3, 3.5 and 3.6 of these process rules  
(New applicants for a category, for additional commodity group(s) in a category or an application to replace a conditional prequalification)
- Requalification  
Applications as per Section: 3.4 of these process rules  
(Applicants wishing to renew (extend) existing prequalifications in categories and associated commodity groups)

### Fee

A fee is charged for participating in the prequalification process. The amount of the fee and other provisions are set out in [Section 5 "Fees for the prequalification process"](#).

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## 1.5 Supplier qualification - conditions for qualification

These process rules apply only in conjunction with the latest version of the DB conditions for qualification - supplier qualification

<https://www.deutschebahn.com/de/geschaefte/lieferantenportal/Lieferantenregistrierung/Praequifikation>

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## 1.6 Entity performing the prequalification

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10115 Berlin  
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## 2 Prequalification principles

- (1) DB AG operates this prequalification process in its own name and on behalf of its affiliates. Prequalification is determined by Deutsche Bahn AG and also applies to relations between the applicants ("companies") and all DB Group companies.
- (2) This prequalification process is carried out in German and is subject to German law to the exclusion of private international law.
- (3) Each interested and legally independent company must submit its own application; the same applies to DB Group companies. Evaluation is based solely on the company submitting the application.
- (4) Applications from companies affiliated with other companies from a corporate law perspective are valid only for and in relation to the companies submitting the application.
- (5) Companies can draw on the capabilities of other companies and join forces to form an applicant community.  
Applicant communities are on a par with individual applicants within the approval system. Prequalification of the applicant community does not simultaneously mean the individual prequalification of its members. Each member can apply separately for individual prequalification regardless of the collectively submitted application. Any changes in the composition of an applicant community must be disclosed to the entity performing the prequalification without delay and entitle DB AG to cancel the prequalification of the applicant community with immediate effect.

The other requirements from the "Special process rules" for the category applied for remain unaffected.

- (6) Proof of previous work based on a subcontractor relationship (subcontractor of the main contractor) will be examined during the prequalification process unless otherwise specified in the "Special process rules" for the categories. Furthermore, such proof will be evaluated only if the services were provided entirely as the applicant's own internal services. In this case, the relevant proof of reference projects must be signed by the direct client (main contractor) and the project owner. The entity performing the prequalification reserves the right to request additional explanations and confirmations concerning provision of the services.
- (7) The documents and proof provided by the applicant will be treated confidentially by DB AG. Also see Section 2.10 of the conditions for qualification – supplier qualification.
- (8) The results of the prequalification process will be used in the event of a future specific selection of suitable applicants; see Section 48 (9) SektVO.
- (9) After completion of the prequalification process, the applicant will be informed of the decision regarding the application for prequalification.  
If the applicant is not granted prequalification, the reasons for this will be given. Upon successful prequalification, the applicant will be included in a list of prequalified companies and informed of this.
- (10) DB AG reserves the right to review the company at any time in the course of implementation of the prequalification or during its period of validity with regard to the existence or continuance of the suitability criteria evaluated in the prequalification process. This may take the form, for example, of an "on-site audit" or by means of a written inquiry.
- (11) Prequalification is not a substitute for any technical certification that may be necessary.
- (12) Existing supplier evaluations by Deutsche Bahn AG can be included in the review of the company's applications.

- (13) If an application is rejected or the prequalification canceled, a new application can be submitted 6 months after receipt of the rejection or cancellation at the earliest.
- (14) DB AG reserves the right to amend the rules of the prequalification system and to obtain further information from the applicants as a result.

## 3 Prequalification process

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### 3.1 General

- (1) The application is processed and decided on in accordance with the indicative time limits set out in Section 48 SektVO.
- (2) The prequalification process is in the form of a two-stage process as described below.
- (3) The company registers as per Section 1.4 and, having successfully registered, receives the application documents (questionnaires, etc.)
- (4) The application documents for the relevant process type or process stage are sent to the applicant in electronic form. Notification is by e-mail. The same applies to reminders, subsequent requests, etc. The documents processed by the applicant must be uploaded as requested.
- (5) Once the applicant has sent/provided the relevant application documents for stages 1 and 2, a deadline is set for submission of the requested questionnaires/declarations/documents/etc. ("**documents**").
- (6) If documents have not been submitted by the set deadline, up to two grace periods are granted. If these deadlines are also missed, a decision on the application is made on the basis of the available documents.
- (7) If the submission of documents is incomplete or not plausible or if additions/clarifications are required with regard to submitted documents, the relevant documents/explanations are requested along with a deadline. If this deadline is missed, a decision on the application is made on the basis of the available documents.
- (8) Documents submitted after the set deadlines have passed can no longer be taken into consideration.
- (9) The processing time for the application is extended by at least the total time from the day on which the request/reminder was sent until the day on which the requested documents are received.
- (10) The intended formation of an applicant community must be declared by all the members, naming the purpose of the application (category/commodity group), prior to registration and sent to the entity performing the prequalification.  
Each member of an applicant community must first submit its own application as per stage 1 in the desired category or hold a valid proof of prequalification in the desired category. If stage 1/basic questions has been successfully completed for each member/the other company and in total, the application is merged for the applicant community and the further proof of supplier expertise/capability must be provided jointly in stage 2.  
The applicant community is on a par with an individual applicant with regard to evaluation of the results.



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## 3.2 Prequalification in a category

### 3.2.1 Stage 1

- (1) The first stage involves an examination and assessment of the applicant's basic suitability (supplier expertise, capability) and a check of the grounds for exclusion as per Sections 123-126 of the Act Against Restraints of Competition (GWB).
- (2) After registration has been confirmed, the application documents are sent to the applicant in electronic form.
- (3) To determine the applicant's suitability and the absence of grounds for exclusion as per Sections 123-126 GWB, both basic and essential minimum requirements are examined, which, if not satisfied, lead to the application being rejected; see also Section 6 "Special process rules" for the categories.
- (4) If stage 1/basic questions has been successfully completed, the application documents for stage 2 are sent to the applicant in electronic form.
- (5) The provisions above and below apply accordingly.

### 3.2.2 Stage 2

- (1) The second stage involves an in-depth examination of supplier expertise and capability for the category applied for and for the commodity groups applied for in that category.
- (2) The proof to be submitted for examination includes reference projects, technical equipment, human resources and specialist qualifications as well as other criteria specific to the relevant category or commodity group.
- (3) Submitted reference projects must have been completed at the time of the application (acceptance performed). Reference projects may also be items of work for which acceptance has been performed.
- (4) The services performed in submitted reference projects are assessed by the client with regard to the fulfillment of contractual requirements. This assessment does not include the confirmation of the services for which proof is required for the prequalification. If the assessment of the reference projects results in the status "satisfied", the examination is continued without further proof. If the examination of the reference projects results in the status "not satisfied", these reference projects are not accepted. If the assessment results in the status "partially satisfied", use is made, where necessary, of further explanations/proof (e.g. supplier evaluations) suitable for assessing the suitability-relevant information in the reference projects.
- (5) The applicant alone is responsible for carefully selecting the reference projects according to the subject matter of the application. Decisions are made solely with reference to the submitted reference projects. Once the submission of reference projects has been completed by upload for the action/commodity group, the applicant receives an electronic confirmation. Any additional reference projects submitted after this confirmation cannot be taken into consideration.
- (6) An approval committee, consisting of experts from within DB AG, makes the decisions in each category/commodity group. The approval committee may request additional documents and proof if necessary for its decision-making.
- (7) The provisions above and below apply accordingly. The rules may vary in each category. Detailed information is contained in the "Special process rules" for the categories.

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## 3.3 Additions to prequalifications in a category

- (1) Companies already prequalified in a commodity group in a category can apply from their supplier profile for one or more commodity groups to be added in that category.

- (2) Companies with a conditional prequalification in a commodity group in a category cannot normally apply for additions.
- (3) The provisions above and below apply accordingly. The rules may vary in each category. Detailed information is contained in the "Special process rules" for the categories.

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### **3.4 Requalification of an existing prequalification**

- (1) Requalification involves a new evaluation of supplier expertise, capability and the absence of grounds for exclusion as per Sections 123 - 126 GWB on the basis of updated information (stage 1 and, if applicable, stage 2 of the process).
- (2) To maintain an existing prequalification, the prequalified company must submit an application for requalification no later than 2 years before the existing prequalification expires. The applicant alone is responsible for submitting the application in good time.
- (3) If applications are submitted out of time or not at all, the prequalification terminates. The company is removed from the list of prequalified companies. In this case, the applicant can submit a new application for prequalification as per Sections 3.2 et seq.
- (4) If the application for requalification was not submitted, submitted out of time or the applied-for requalification was rejected, the proof of prequalification must not be used/presented in the course of business.
- (5) Supplier evaluations with the result "poor" may lead to the application being rejected.
- (6) Requalification of a conditional prequalification as per Section 3.5 is not possible. To replace a conditional prequalification, it is necessary to submit an application as per Section 3.5.2.
- (7) With a successful requalification, the prequalification is extended for a further 4 years.
- (8) The provisions above and below apply accordingly.

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### **3.5 Conditional prequalification**

#### **3.5.1 Granting of a conditional prequalification**

- (1) For companies new to the DB market in the category, for newly established companies and companies unable to submit their own reference projects, it is normally possible, after stages 1 and 2 of the process have been successfully completed, to obtain a conditional prequalification.
- (2) If the company's prequalification has been canceled for reasons as per Section 4.3 and a renewed application has been allowed, the company is granted a conditional prequalification after the process has been successfully completed.
- (3) The provisions above and below apply accordingly. The rules may vary in each category. Detailed information is contained in the "Special process rules" for the categories.

#### **3.5.2 Replacement of a conditional prequalification**

- (1) The replacement of a conditional prequalification involves a current evaluation of supplier expertise, capability and the absence of grounds for exclusion as per Sections 123 - 126 GWB on the basis of updated information in stage 1 and further proof in stage 2 of the process.
- (2) In stage 2 of the process, reference projects from the period of validity of the prequalification must be submitted. Proof must be provided of services in the prequalified commodity group that were provided in a direct contractual relationship with a company of the DB Group. The conditional prequalification is replaced only in the commodity group of the granted prequalification.

- (3) To replace a valid conditional prequalification, the prequalified company must submit a corresponding application no later than 2 years before the existing conditional prequalification expires. The applicant alone is responsible for submitting the application in good time.
- (4) If the submission of reference projects satisfying the conditions as per 3.5.2. (2) is not possible when submitting the first application for replacement, the conditional prequalification can under certain circumstances be extended once only by a further 2 years. These circumstances are described in the "Special process rules" for the categories.
- (5) If applications are submitted out of time or not at all, the conditional prequalification terminates. The company is removed from the list of prequalified companies. Applications received out of time will be rejected.  
No earlier than 6 months after expiration of the deadline as per Section 3.5.2 (3), the applicant can submit a new application for qualification as per Sections 3.2 et seq.
- (6) If the application was not submitted, submitted out of time or the application was rejected, the proof of prequalification must not be used/presented in the course of business.
- (7) If the application is successful, the conditional prequalification is replaced by an unconditional prequalification valid for 4 years. As for the rest, see Section 3.4.
- (8) The provisions above and below apply accordingly. The rules may vary in each category. Detailed information is contained in the "Special process rules" for the categories.

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### **3.6 Widening of an existing prequalification**

1. Companies prequalified in a category have the possibility to widen their prequalification in that category to include additional, higher-order services (commodity groups).
2. Widening of the prequalification requires the execution of reference projects of DB AG in the relevant widening stage and the successful completion of stages 1 and 2 of the process.  
The DB AG entity calling for tenders will make reference in the procurement announcement to relevant reference projects and corresponding conditions for participation in the competition.
3. Widening of the prequalification can be applied for at any time during the term of validity of the prequalification by submitting an application with attachment of the supplier evaluation ("5") and the "call for competition" ("announcement").
4. After successful completion of the reference project, which will normally be executed as main contractor of DB AG, there will be a supplier evaluation by DB AG. The supplier evaluation must have been completed at least with the result "good".
5. Widening is not possible for companies with a conditional prequalification as per Section 3.5.
6. The provisions above and below apply accordingly. Detailed information is contained in the "Special process rules" for the categories.

## 4 Prequalification - term of validity, obligations and conditions for obtaining and maintaining this status as well as grounds for exclusion under procurement law

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### 4.1 Term of validity of the prequalification

- (1) Once granted, the prequalification is valid for 4 years subject to promptly applied-for and successful requalification as per Section 3.4 and/or promptly applied-for and successful replacement of a conditional prequalification as per Section 3.5.
- (2) In case of "widening" as per Section 3.6 and "additions" as per Section 3.3 of/to an existing prequalification, the term of validity of the prequalification is adjusted to the term of validity of the most recently granted prequalification.

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### 4.2 Obligations during implementation of the prequalification process and the term of validity of the prequalification

- (1) If the disclosures made by the applicant change significantly in the course of implementation or during the period of validity of the prequalification, the applicant must inform DB AG of this without delay. Changes deemed significant include the following changes in the applicant's company or in the company that has provided a declaration of commitment as per Section 48 (7) SektVO ("committed company"):
  - Legal company name
  - Mergers with other companies
  - Divestiture of resources/business units material to the prequalification
  - Company form
  - Ownership structure
  - Register entries of the company
  - Business locations
  - Composition of the applicant community
  - Disclosures on supplier expertise and capability
  - Minimum requirements in terms of human resources (number and qualifications) as per the "Special process rules" for the categories.
  - Grounds for exclusion under procurement law as per Section 4.3 (2)
- (2) Changes falling under (1) must be disclosed without prompting and suitably substantiated. The entity performing the prequalification reserves the right to require that the basic stage be updated in order to determine the company's continued suitability as per Section 3.4.
- (3) If changes falling under (1) are disclosed out of time or not at all or if the entity performing the prequalification becomes aware of changes, this may result in the rejection of the application or cancellation of the prequalification.

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#### **4.3 Reasonable doubts as to the supplier expertise or capability of the company, grounds for exclusion**

- (1) In justified individual cases, DB AG reserves the right to reject the submitted application(s), cancel previously granted prequalification(s) or request the applicant to resubmit documents. This applies particularly if material changes to the prequalification conditions (Section 4.2) have been disclosed out of time or not at all, if there are reasonable doubts as to the supplier expertise or capability of the company as a supplier to DB or if one of the circumstances in Section 4.3 (2) arises. The same applies to any committed company on which the company is reliant for its prequalification
- (2) Grounds for exclusion under procurement law

At any time in the process and during the term of validity of the prequalification, grounds for exclusion as per Section 123 and/or Section 124 of the German Act Against Restraints of Competition (GWB) may result in the immediate exclusion of the company from the prequalification process/cancellation of the prequalification.

The same applies to any committed company on which the company is reliant for its prequalification.

When DB AG reviews whether to exclude the applicant from the prequalification process or to cancel the prequalification, it will also take into account any declarations, concepts and/or proof pertaining to self-corrective action initiated by the company as per Section 125 GWB.

If any of the grounds for exclusion as per Sections 123 et seq. GWB apply, DB AG has the right to suspend the prequalification or the company's application for prequalification while DB AG reviews the self-corrective action. To this end, it is necessary for the company to give a written undertaking to DB AG that it will take appropriate and adequate self-corrective action and will implement this within a fixed, appropriate period of time. If DB AG informs the company that its prequalification has been suspended, the company will no longer be permitted to use the proof of prequalification in business transactions from that point in time until evidence of sufficient self-corrective actions has been provided. The company will be removed from the list of prequalified companies during this period.

## 5 Fees for the prequalification process

### 5.1 Basics

- (1) The applicant is charged a fee for implementation of the prequalification process, for first-time and other follow-up applications for prequalification, including applications for requalification, etc.
- (2) The fee as per Section 5.2 is payable after submission of the application.
- (3) Applications for inclusion in the qualification system and other applications count as submitted once the applicant's registration has been confirmed and it has been sent the qualification questionnaire.
- (4) The fee is payable in full after the applicant receives a request from DB AG (invoice). If the fee is not paid or not paid in full within the period allowed for payment, the application is rejected without further examination.
- (5) The fee is not repayable.
- (6) The fact that a fee has been paid does not automatically entitle the company to be granted prequalification.
- (7) The amount of the fee (net) is based on the table of fees in Section 5.2 plus the statutory VAT.
- (8) If, during the application process (stage 1 of the process), the applicant is able to provide proof of a valid CSR (Corporate Social Responsibility) rating (ecoVadis) that is no more than 2 years old and has a score equal to or greater than 45 points, €150.- of the fee as per Section 5.2 will be refunded.

### 5.2 Table of fees

Category	Fee net excl. VAT [€]
<b>Construction services for infrastructure facilities</b>	
Permanent way (conventional-ballast)	980.00
General earthworks and civil engineering	860.00
Construction services for cables	860.00
Special foundation engineering	905.00
Structural engineering	905.00
<b>Electrotechnical installations</b>	
Switch heaters	1100.00
DC S-Bahn traction power	1100.00
Overhead line systems	742.00
Traction powerlines, new construction/conversi	742.00
<b>Design and engineering services</b>	
Construction supervision	684.00
Design of structural installations	1224.00
Design of electrotechnical installations	1224.00
Design of overhead line systems	804.00
<b>Services</b>	
Safety services	684.00

## 6 Special process rules for the categories in the prequalification system

**These "special process rules" apply in each category "6.x" below, in addition to the rules in Sections 1 to 5.**

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### 6.1 Permanent way, conventional- ballast

#### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

-none-

#### B Additional information to Section 3.2.2 of the "process rules", stage 2:

- (1) Prequalification is limited to the type "*permanent way-ballast*". Projects not conforming to this type, e.g. "concrete slab track", are not eligible for evaluation.
- (2) Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.
- (3) Eligibility for evaluation is limited to proof of work done (reference projects) in which the work was demonstrably performed for a rail company/rail operator. "Operations and Construction Regulations" are to be appended to the relevant reference project. Comparability of the operational conditions with those of a federally owned rail company must be apparent and will be determined by the approval committee.
- (4) The category Permanent way, conventional-ballast is subdivided into two product groups (PGs), tracks and switches, each with associated Lines I, I-S, II, III. Repair works are not assigned to the respective product group and the lines and apply to tracks and switches.
- (5) Prequalification is possible in the following 9 commodity groups:
  - Permanent way, tracks, Lines I; HSR/express > 160 km/h (HSR-high-speed rail)
  - Permanent way, tracks, Lines I-S; S-Bahn 50 - 120 km/h (S-Bahn, incl. S-Bahn Berlin and Hamburg)
  - Permanent way, tracks, Lines II; mixed traffic 121 - 160 km/h
  - Permanent way, tracks, Lines III; regional transport 50 - 120 km/h
  - Permanent way, switches, Lines I; HSR/express > 160 km/h (HSR-high-speed rail)
  - Permanent way, switches, Lines I-S; S-Bahn 50 - 120 km/h (S-Bahn, incl. S-Bahn Berlin and Hamburg)
  - Permanent way, switches, Lines II; mixed traffic 121 - 160 km/h
  - Permanent way, switches, Lines III; regional transport 50 - 120 km/h
  - Permanent way, repair, tracks/switches
- (6) Proof of work performed internally by the applicant, among others, in the reference projects. Work performed internally is construction work **performed by the applicant itself**

For provision of proof in the prequalification process, proof must be provided of the below-listed work performed internally.

Additional work/services must be disclosed in the reference projects and will be included in the overall assessment of the work/services presented.

The lists of the complete assessable work/services are contained in the respective reference projects "Permanent way, conventional-ballast" applicable for "Repair, tracks/switches" **and** "Tracks" or "Switches" for "Lines ...".

Tracks, all lines, work performed internally:

Trackwork (ballasted track) panel-wise or with individual materials, installation of blanket (conventional/track-bound), measuring of installation positions (variance analysis), collateral work, removal and installation of railroad crossings (if part of the work).

Switches, all lines, work performed internally:

Switches (ballasted track), installation of blanket (conventional/track-bound, measuring of installation positions (variance analysis), collateral work

Repair, work performed internally:

The main and secondary product fields named in the "Information on work done" in the reference projects must be work performed internally, proof of which can be provided over all the submitted reference projects as a whole. The approval committee is responsible for assessing whether a scope of work is sufficient for prequalification.

(7) Between the lines of the respective product group and for repair, there are the following inclusion rules:

- Lines I includes Lines II, III and repair
- Lines I-S includes Lines II, III and repair
- Lines II includes Lines III and repair
- Lines III includes repair

(8) The number of reference projects to be submitted as well as the possible prequalification result are based on the reference project/application type according to the following table.

The specified number of reference projects is the minimum number in which the requirements of the applied-for commodity group must be met **in full**.

In variation from this, for the commodity group Permanent way, repair, tracks/switches, proof of the minimum criteria (items of work) can be provided over all the submitted reference projects **as a whole**.

Prequalification for Lines I and I-S is possible **exclusively** via the widening of an existing prequalification for Lines II in the product group.



Referenzmatrix Oberbau-konventionell Schotter		Referenzart				
		DB-Referenzen unternehmenseigen	DB-Referenzen unternehmenseigen als NU erbracht	DB-Referenzen personenbezogen	Keine DB-Referenzen unternehmenseigen	Keine-DB-Referenzen personenbezogen
		Anzahl Referenzen ----- PQ-Ergebnis	Anzahl Referenzen ----- PQ-Ergebnis	Anzahl Referenzen ----- PQ-Ergebnis	Anzahl Referenzen ----- PQ-Ergebnis	Anzahl Referenzen ----- PQ-Ergebnis
Antragsart	Erst-PQ in der Kategorie AVR: 3.2; 3.5.1 SVR: A; B; E	1 (2)* PQ ohne Auflagen	nicht möglich	2 PQ mit Auflagen	4 PQ mit Auflagen	4 PQ mit Auflagen
	Ergänzung PQ in der Kategorie AVR: 3.3; 3.5.1 SVR: A; B; C; E	1 PQ ohne Auflagen	nicht möglich	nicht möglich	2 (3)* PQ mit Auflagen	nicht möglich
	Erweiterung PQ in der PG AVR: 3.6 SVR: A; B; G	1 PQ ohne Auflagen	nicht möglich	nicht möglich	nicht möglich	nicht möglich
	Ablösung PQ "mit Auflagen" AVR: 3.5.2 SVR: A; B; F	1 (2)* PQ ohne Auflagen	nicht möglich	nicht möglich	nicht möglich	nicht möglich
	Requalifizierung PQ AVR: 3.4 SVR: A; B; D	1** PQ ohne Auflagen	1** PQ ohne Auflagen	nicht möglich	1** PQ ohne Auflagen	1** PQ ohne Auflagen

#### Legend to reference project matrix:

**AVR**= Process rules; **SVR**=Special process rules; **PQ**=Prequalification; **PG**=Product group; **WGR**=Commodity group; **IS**=Repair; **NU**=Subcontractor;

\*\* = on request;

(2)\*= 2 (two) reference projects in WGR Repair;

(3)\*= 3 (three) reference projects, in case of existing PQ IS and application for lines or in case of existing PQ in a PG and application for a WGR in the other PG

DB reference projects: Work performed in the network of the Deutsche Bahn Group and in a direct contractual relationship with DB AG.

Not DB reference projects: Work not performed in the network of the Deutsche Bahn Group. In this case, proof must be provided of comparability with work on DB AG lines. Proof of comparability must be provided in particular with reference to the technical requirements and the rail operation conditions. If considered necessary, the approval committee will request additional information from the applicant to provide proof of comparability of the reference projects with projects of the DB Group.

Internal reference projects: Work performed by the company itself.

Reference projects, work as subcontractor: Work performed in a subcontractor relationship with a company in a direct contractual relationship with the client.

Personnel-related DB reference projects: Work performed in the network of the Deutsche Bahn Group, but not by the company submitting the application. The company submitting the application must provide proof that, at the time of submission of the application, the company submitting the application employed the management personnel (site managers, foremen) responsible for performing the said reference projects at prequalified former employers.

- (9) Completion of the submitted reference projects must be no more than five (5) years in the past, reckoned from the application submission date.
- (10) If a line is wholly or partially upgraded for more than 160 km/h, it counts as a Line I even though it does not operate at the higher speed immediately after completion of the construction works.

Classification according to "Lines" depends on the maximum speed for conventional rolling stock (no tilting technology).

Permanent way works on tracks and switches in freight or marshalling yards, stabling sidings, train formation yards and in workshop facilities (e.g. maintenance facilities) are not classified according to Lines, but they are eligible for prequalification similarly to "Repair". If,

however, construction works conforming to the operational conditions for Lines III are performed in these areas (wholly or partially), then an application can be submitted for Lines III.

Only direct permanent way works on tracks and switches (proof must be provided in particular of the installation/new construction of tracks and switches as well as of the collateral work required up to establishment of the acceptance-ready end state) will be assigned to the commodity groups with classification according to Lines. All other works are to be assigned to the commodity group "Permanent way, repair, tracks/switches". The assessment will be made by the approval committee.

Eligibility for assessment is limited to proof of work (reference projects) of an appropriate scope, presented in the description of the reference project, Operations and Construction Regulations and a meaningful layout plan.

If there is no agreement between applied-for commodity group, proof of work and scope of work, an assessment can be made on the basis of the actually available scope of work.

Minor works, such as track gauge correction, rail replacement, treatment or replacement of small track components, replacement of major parts in switches up to a radius less than or equal to 760 m etc., can, if the other requirements are met, lead merely to prequalification in the commodity group "Permanent way, repair, tracks/switches".

To be accepted as a reference project for the commodity groups Permanent way, tracks/switches, the majority of the works must have consisted of works on tracks/switches.

Permanent way works on tracks or switches performed exclusively in connection with the renewal of railroad crossings as well as the performance of bridge construction works and works performed in connection with the renewal of drainage channels or other structures are eligible for prequalification, regardless of the track/line length, merely in the commodity group "Permanent way, repair, tracks/switches".

The commodity group "Permanent way, repair, tracks/switches" comprises works for restoring the desired condition.

The assessment will be made by the approval committee.

**C Additional information to Section 3.3 of the "process rules",  
additions to prequalifications in a category**

Prequalification for Lines I and I-S is possible exclusively via widening (see G). The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules",  
requalification of an existing prequalification**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules",  
granting of a conditional prequalification:**

A conditional prequalification cannot be granted higher than up to Lines II. The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules",  
replacement of a conditional prequalification:**

A conditional prequalification can be replaced subject to successful provision of proof in the conditionally granted prequalification and not in a line category higher than the one granted.

Where the scope of work in the reference projects for replacing the conditional prequalification does not meet the requirements of the granted prequalification, an assessment can be made, on the basis of the actually available scope of work, for a lower line category.

The works in the reference projects must not have been performed in a subcontractor relationship, but in a direct contractual relationship with DB AG.

The information in letters A and B of these special process rules applies accordingly.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Prequalified companies have the possibility, through reference projects, to widen their Lines classification in the respective product group to the next-higher classification. This does not include companies that, at the time of submission of the application, hold a still valid conditional prequalification.

Existing prequalification for	Possibility of widening to include
Permanent way, repair tracks/switches	Permanent way, Lines III; regional transport 50 - 120 km/h (tracks and/or switches)
Permanent way, Lines III; regional transport 50 - 120 km/h (tracks and/or switches)	Permanent way, Lines II; mixed traffic 121 - 160 km/h (tracks and/or switches)
Permanent way, Lines II; mixed traffic 121 - 160 km/h (tracks and/or switches)	Permanent way, Lines I-S; S-Bahn 50 - 120 km/h (tracks and/or switches)
Permanent way, Lines II; mixed traffic 121 - 160 km/h (tracks and/or switches)	Permanent way, Lines I; HSR/ express > 160 km/h (tracks and/or switches)

To widen an existing prequalification, at least one reference project must have been performed in the next-higher Lines classification for each product group.

The works in the reference projects must not have been performed in a subcontractor relationship, but in a direct contractual relationship with DB AG.

If the application for widening is unsuccessful, the existing prequalification remains valid.

## 6.2 General earthworks and civil engineering

### General information on "construction during rail operations" in the PQ process

For services in this category, training by DB Netz AG for "construction during rail operations" is available from Deutsche Bahn AG.

The training is intended for construction management personnel (site managers, foremen) working on construction sites.

Registration for this training is now possible with the recognized training providers (e.g. DB Training, here product number Ta7371).

### Proof of knowledge for "construction during rail operations" in the PQ process

Proof of "construction during rail operations" is subject to the following incl. the detail-providing conditions of the various application types in letters A-G.

#### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

The submitted proof can include additional documents etc. as per letter B.

#### B Additional information to Section 3.2.2 of the "process rules", stage 2:

Reference projects should preferably be projects executed for the DB Group.

If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

Prequalification in the commodity group "Earth structures" applies to construction works requiring no knowledge of rail technology and/or rail operations.

For construction works requiring knowledge of rail technology and/or rail operations, an additional prequalification is mandatory in the commodity group " ...construction during rail operations" assigned to the main works.

Prequalification for the commodity group "Earth structures - construction during rail operations" can be acquired only as an addition and in connection with prequalification in the commodity group "Earth structures".

At least two (2) reference projects must be submitted for each commodity group applied for. Reference projects are eligible only if completed in the last 5 years.

The granted prequalification is valid only for the commodity group for which proof has been provided.

The category "General earthworks and civil engineering" comprises the below commodity group with the following requirements:

#### 1- Earth structures

Structure types (critical tasks) of the commodity group Earth structures are:

1. Embankments,
2. Cuttings,
3. Base courses,
4. Drainage systems,
5. Flexible retaining structures

Proof must be provided of production of the relevant structure types (critical tasks) by work performed internally.

Key areas/minimum criteria:

The applicant must provide proof of at least 4 of the 5 above structure types over the submitted reference projects as a whole.

Proof of the structure type Base courses is mandatory.

The below definitions and minimum criteria for the structure types (critical tasks) must be observed:

Embankments, cuttings, base courses:

*Eligible as proof of the structure types Embankments, Cuttings and Base courses are reference projects from transport infrastructure construction in which relevant earth structures were newly constructed or conversion works equivalent to new construction. These must have been designed with regard to the requirements and loads (rail/road) (as per ZTVE-StB or ZTV SoB-StB, Ril 836 or comparable regulations). For the structure types Embankment and Cutting, proof should be provided of a minimum continuous volume of 2000 m<sup>3</sup> either filled or excavated.*

*For example, the following works do **not** count as embankments/cuttings: flood protection dams, noise barriers, excavation pits/excavated earth for bridges, backfilling of bridge abutments, rainwater retention basins and seepage reservoirs.*

*For example, the following works do **not** count as base courses: substructures for platforms and pedestrian ramps*

Drainage systems:

Eligible as proof of this structure type are permanent installations for the closed drainage of transport routes consisting of pipework and shafts.

*For example, the following works do **not** count as drainage systems: open pits and troughs.*

Flexible retaining structures:

The structure types defined in Ril 836 count as flexible retaining structures:

Gabion walls (stacked stone-filled gabions), crib walls, geogrid-reinforced bodies of soil with load-bearing outer skin, (geogrid-reinforced supporting bodies), "mechanically stabilized earth" - structures, soil nailing with load-bearing outer skin.

**2- Earth structures - construction during rail operations**

(additional prequalification to 1 - Earth structures)

"Earth structure" works performed during rail operations.

Proof of successful participation in the training

See above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process"

The proof is to be provided by all new applicants for this commodity group.

For first-time prequalification in this commodity group, the following applies:

The training must be no more than 12 months in the past. The minimum number of construction supervisors to be trained is:

- If  $\leq 20$  construction supervisors employed, at least 2 construction supervisors are to be trained
- If  $> 20$  construction supervisors employed, at least 10% of the construction supervisors are to be trained (rounded up in each case)

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

**C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Special conditions for requalification in the commodity group "construction during rail operations"

The conditions stated above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process" additionally apply.

The following applies to requalification in this commodity group: If, in the last 24 months prior to the applied-for requalification, no proof is provided of works in the categories General earthworks and civil engineering, Construction services for cables, Structural engineering or Special foundation engineering during rail operations at Deutsche Bahn AG, proof of the training must be provided as for first-time prequalification.

This requirement does not apply if, in the last 24 months prior to the applied-for requalification, works have been executed (proof required) in the categories General earthworks and civil engineering, Construction services for cables, Structural Engineering or Special Foundation Engineering during rail operations at Deutsche Bahn AG.

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

A conditional prequalification can be granted after a case-by-case assessment.

In addition to proof of the reference projects (while observing Point B), it is at least necessary for the applicant to provide proof of human and other productive resources at its company offering sufficient functional and technical capability for the commodity group applied for.

Proof of this must be provided by submission of letters of reference from former employers, personal references or other third-party certificates for its specialist and management personnel proving their performance of reference projects (max. 5 years old) in the commodity group applied for. If necessary, further information will be requested from the applicant to provide proof of the expertise of its personnel.

**F Additional information to Section 3.5.2 of the "process rules",  
replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

In variation from the general process rules in Section 3.5.2.(2), reference projects from subcontractor relationships with a main contractor of DB AG are also permitted.

**G Additional information to Section 3.6 of the "process rules",  
widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.3 Construction services for cables

### General information on "construction during rail operations" in the PQ process

For services in this category, training by DB Netz AG for "construction during rail operations" is available from Deutsche Bahn AG.

The training is intended for construction management personnel (site managers, foremen) working on construction sites.

Registration for this training is now possible with the recognized training providers (e.g. DB Training, here product number Ta7371).

### Proof of knowledge for "construction during rail operations" in the PQ process

Proof of "construction during rail operations" is subject to the following incl. the detail-providing conditions of the various application types in letters A-G.

#### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

The submitted proof can include additional documents etc. as per letter B.

#### B Additional information to Section 3.2.2 of the "process rules", stage 2:

Reference projects should preferably be projects executed for the DB Group.

If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

Prequalification in the commodity groups "Cable routing systems incl. civil engineering" and "Cable laying" applies to construction works requiring no knowledge of rail technology and/or rail operations.

For construction works requiring knowledge of rail technology and/or rail operations, an additional prequalification is mandatory in the commodity group(s) "...construction during rail operations" assigned to the main works.

Prequalification for the commodity group "Construction services for cables - construction during rail operations" can be acquired only as an addition and in connection with prequalification in the commodity groups "Cable routing systems incl. civil engineering" or "Cable laying".

At least two (2) reference projects must be submitted for each commodity group applied for. Reference projects are eligible only if completed in the last 5 years.

The granted prequalification is valid only for the commodity group for which proof has been provided.

The category "Construction services for cables" comprises the below-named **3** commodity groups with the following requirements:

### 1- Cable routing systems incl. civil engineering



Structure types (critical tasks) of the commodity group Cable routing systems incl. civil engineering are:

1. Cable ducts (buried and elevated concrete and plastic cable ducts),
2. Buried cable conduits,
3. Cable ducts of precast concrete parts,
4. Cable crossings (incl. protective conduits of concrete or steel for cable crossings)

Proof of the performed works must be provided by means of suitable planning documents (see Point 6.1 of the reference document).

Proof must be provided of production of the relevant structure types (critical tasks) by work performed internally.

Key areas/minimum criteria:

The applicant must provide proof of at least 3 of the 4 above structure types over the submitted reference projects as a whole.

Proof of the structure type "Cable ducts" must be provided in at least 1 reference project. The reference projects must provide proof of the laying of at least 100 m of cable ducts in one piece.

The prequalification system does not include the production of drainage channels or pipe jacking.

## **2- Cable laying**

Structure types (critical tasks) of the commodity group Cable laying are:

1. Laying at the rail base,
2. Laying in cable routing systems (concrete cable ducts, plastic cable ducts, elevated GFRP cable ducts),
3. Laying in a cable trench,
4. Feeding through of cables in cable conduits,
5. Blowing in of fiber optic cables

Proof of the performed works must be provided by means of suitable planning documents (see Point 6.1 of the reference document).

Proof must be provided of production of the relevant structure types (critical tasks) by work performed internally.

Key areas/minimum criteria:

The applicant must provide proof of at least 3 of the 5 above structure types over the submitted reference projects as a whole.

Proof of the structure type "Laying in cable routing systems" must be provided in at least 1 reference project.

The reference projects must provide proof of laying of the following lengths in one piece : 426 m (Cu) or 2000 m (optical fiber).

Works in relation to track grounding and connecting cables of electrotechnical installations (e.g. switch heaters, hot box detectors, track-installed switching devices) as well as the securing of existing cables are not sufficient as proof of suitability for "Cable laying".

## **3- Construction services for cables - construction during rail operations**

(additional prequalification to 1 "Cable routing systems incl. civil engineering" and 2 - "Cable laying")

Works in relation to "Cable routing systems incl. civil engineering" or "Cable laying" performed during rail operations.

#### Proof of successful participation in the training

See above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process"

The proof is to be provided by all new applicants for this commodity group.

For first-time prequalification in this commodity group, the following applies:

The training must be no more than 12 months in the past. The minimum number of construction supervisors to be trained is:

- If  $\leq 20$  construction supervisors employed, at least 2 construction supervisors are to be trained
- If  $> 20$  construction supervisors employed, at least 10% of the construction supervisors are to be trained (rounded up in each case)

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

#### **C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

#### **D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

#### Special conditions for requalification in the commodity group "construction during rail operations":

The conditions stated above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process" additionally apply.

The following applies to requalification in this commodity group: If, in the last 24 months prior to the applied-for requalification, no proof is provided of works in the categories General earthworks and civil engineering, Construction services for cables, Structural engineering or Special foundation engineering during rail operations at Deutsche Bahn AG, proof of the training must be provided as for first-time prequalification.

This requirement does not apply if, in the last 24 months prior to the applied-for requalification, works have been executed (proof required) in the categories General earthworks and civil engineering, Construction services for cables, Structural engineering or Special foundation engineering during rail operations at Deutsche Bahn AG.

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

**E Additional information to Section 3.5.1 of the "process rules",  
granting of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

A conditional prequalification can be granted after a case-by-case assessment.

In addition to proof of the reference projects (while observing Point B), it is at least necessary for the applicant to provide proof of human and other productive resources at its company offering sufficient functional and technical capability for the commodity group applied for.

Proof of this must be provided by submission of letters of reference from former employers, personal references or other third-party certificates for its specialist and management personnel proving their performance of reference projects (max. 5 years old) in the commodity group applied for. If necessary, further information will be requested from the applicant to provide proof of the expertise of its personnel.

**F Additional information to Section 3.5.2 of the "process rules",  
replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

In variation from the general process rules in Section 3.5.2.(2), reference projects from subcontractor relationships with a Main contractor of DB AG are also permitted.

In variation from Section 6.3. letter B, the following applies: At least one (1) reference project must be submitted for each commodity group applied for.

**G Additional information to Section 3.6 of the "process rules",  
widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.4 Special foundation engineering

### General information on "construction during rail operations" in the PQ process

For services in this category, training by DB Netz AG for "construction during rail operations" is available from Deutsche Bahn AG.

The training is intended for construction management personnel (site managers, foremen) working on construction sites.

Registration for this training is now possible with the recognized training providers (e.g. DB Training, here product number Ta7371).

### Proof of knowledge for "construction during rail operations" in the PQ process

Proof of "construction during rail operations" is subject to the following incl. the detail-providing conditions of the various application types in letters A-G.

#### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

The submitted proof can include additional documents etc. as per letter B.

#### B Additional information to Section 3.2.2 of the "process rules", stage 2:

Reference projects should preferably be projects executed for the DB Group.

If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

Prequalification in the commodity groups "Foundations - piles", "Foundations - subsoil improvement", "Foundations - injections", "Retaining structures" and "Anchoring" applies to construction works requiring no knowledge of rail technology and/or rail operations.

For construction works requiring knowledge of rail technology and/or rail operations, prequalification is mandatory in the commodity group "Special foundation engineering, construction during rail operations".

At least two (2) reference projects must be submitted for each commodity group applied for. At least two (2) of the submitted reference projects must satisfy the following requirements of the commodity group applied for. Reference projects are eligible only if completed in the last 5 years.

The granted prequalification is valid only for the commodity group (product/service) for which proof has been provided

The category Special foundation engineering comprises **6** commodity groups with the following requirements:

#### 1- Foundations – piles

Production types (critical tasks):

micro piles, bored piles, driven piles, columnar supports

Key areas/minimum criteria:

Prequalification in the commodity group requires proof of suitability for at least one of the specified production types. Proof must be provided of execution of the relevant production types (critical tasks) by work performed internally.

For example, driven casing pipe foundations of noise barriers and driven casing pipe foundations of mast foundations also count as proof of the production type Foundations - piles.

## **2- Foundations – subsoil improvement**

Production types (critical tasks):

deep-reaching soil stabilization, deep vibration method, mortared/unmortared columns, special soil replacement/soil improvement methods

Key areas/minimum criteria:

Prequalification in the commodity group requires proof of suitability for at least one of the specified production types. Proof must be provided of execution of the relevant production types (critical tasks) by work performed internally.

## **3- Foundations – injections**

Production types (critical tasks):

all injections and jet grouting methods (e.g. HDI columns)

Key areas/minimum criteria:

Prequalification in the commodity group requires proof of suitability for at least one of the specified production types. Proof must be provided of execution of the relevant production types (critical tasks) by work performed internally.

## **4- Retaining structures**

Production types (critical tasks):

sheet pile walls, soldier pile walls, bored pile walls, slurry walls

Key areas/minimum criteria:

Prequalification in the commodity group requires proof of suitability for at least one of the specified production types. Proof must be provided of execution of the relevant production types (critical tasks) by work performed internally.

For example, shoring with sheet pile walls as a temporary bridge foundation also counts as proof.

## **5- Anchoring**

Production type (critical task):

tiebacks as per EN 1537 or ÖNORM EN 1537

Key areas/minimum criteria:

Prequalification in the commodity group requires proof of suitability for at least one anchoring with (prestressed) tiebacks as per DIN EN 1537. Proof of nailing or the use of piles for anchoring is not sufficient as proof of suitability for "Anchoring". Proof must be provided of execution of the relevant production types (critical tasks) by work performed internally.

The prequalification system does not include rock slope stabilization (as per Ril 836).

## **6- Special foundation engineering - construction during rail operations**

Prequalification for the commodity group "Special foundation engineering - construction during rail operations" can be acquired only as an addition and in connection with prequalification in the commodity groups "Foundations - piles", "Foundations - subsoil improvement", "Foundations - injections", "Retaining structures" and "Anchoring".

Proof of successful participation in the training

See above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process"

The proof is to be provided by all new applicants for this commodity group.

For first-time prequalification in this commodity group, the following applies:

The training must be no more than 12 months in the past. The minimum number of construction supervisors to be trained is:

- If  $\leq 20$  construction supervisors employed, at least 2 construction supervisors are to be trained
- If  $> 20$  construction supervisors employed, at least 10% of the construction supervisors are to be trained (rounded up in each case)

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

**C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Special conditions for requalification in the commodity group 6, "Special foundation engineering-construction during rail operations"

The conditions stated above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process" additionally apply.

The following applies to requalification in this commodity group: If, in the last 24 months prior to the applied-for requalification, no proof is provided of works in the categories General earthworks and civil engineering, Construction services for cables, Structural engineering or Special foundation engineering during rail operations at Deutsche Bahn AG, proof of the training must be provided as for first-time prequalification.

This requirement does not apply if, in the last 24 months prior to the applied-for requalification, works have been executed (proof required) in the categories General earthworks and civil engineering, Construction services for cables, Structural engineering or Special foundation engineering during rail operations at Deutsche Bahn AG.

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

A conditional prequalification can be granted after a case-by-case assessment.

In addition to proof of the reference projects (while observing Point B), it is at least necessary for the applicant to provide proof of human and other productive resources at its company offering sufficient functional and technical capability for the commodity group applied for.

Proof of this must be provided by submission of letters of reference from former employers, personal references or other third-party certificates for its specialist and management personnel proving their performance of reference projects (max. 5 years old) in the commodity group applied for. If necessary, further information will be requested from the applicant to provide proof of the expertise of its personnel.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

In variation from the general process rules in Section 3.5.2.(2), reference projects from subcontractor relationships with a main contractor of DB AG are also permitted.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.5 Structural engineering

### General information on "construction during rail operations" in the PQ process

For services in this category, training by DB Netz AG for "construction during rail operations" is available from Deutsche Bahn AG.

The training is intended for construction management personnel (site managers, foremen) working on construction sites.

Registration for this training is now possible with the recognized training providers (e.g. DB Training, here product number Ta7371).

### Proof of knowledge for "construction during rail operations" in the PQ process

Proof of "construction during rail operations" is subject to the following incl. the detail-providing conditions of the various application types in letters A-G.

#### **A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:**

The submitted proof can include additional documents etc. as per letter B.

#### **B Additional information to Section 3.2.2 of the "process rules", stage 2:**

Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

Prequalification in the commodity groups of the product groups Concrete structures and Steel structures applies to construction works requiring no knowledge of rail technology and/or rail operations.

For construction works requiring knowledge of rail technology and/or rail operations, prequalification is mandatory in the commodity group "Structural engineering - construction during rail operations".



The category "Structural engineering" is subdivided into 2 product groups with a total of 5 commodity groups and comprises the new construction of the respective structures:

Product groups			
Concrete structures		Steel structures	
Commodity groups			
<ul style="list-style-type: none"> <li>▪ Massive retaining structures</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reinforced concrete bridges</li> </ul>	<ul style="list-style-type: none"> <li>▪ Prestressed concrete bridges</li> </ul>	<ul style="list-style-type: none"> <li>▪ Rail/road overpasses -steel</li> </ul>
<ul style="list-style-type: none"> <li>▪ Structural engineering - construction during rail operations (additional qualification, no service, applies to all the above-named commodity groups)</li> </ul>			
Structure types			
<ul style="list-style-type: none"> <li>▪ Angle supporting walls</li> <li>▪ Gravity retaining walls</li> <li>▪ Retention walls</li> </ul> <p>All of concrete</p>	<ul style="list-style-type: none"> <li>▪ Reinforced concrete bridges</li> <li>▪ Joist-in-concrete bridges</li> <li>▪ Composite bridges - concrete part only</li> <li>▪ Rectangular frames</li> <li>▪ Vaulted tunnels -open construction-</li> </ul>	<ul style="list-style-type: none"> <li>▪ Multi-span pre-stressed concrete bridges</li> <li>▪ Single-span pre-stressed concrete bridges</li> </ul>	<ul style="list-style-type: none"> <li>▪ Truss bridges</li> <li>▪ Tied arch bridges</li> <li>▪ Box girder bridges</li> <li>▪ Girder grid bridges</li> <li>▪ Trough bridges</li> <li>▪ Solid-wall structures</li> <li>▪ Steelwork on composite bridges (no individual prefabricated girders or individual composite girders)</li> </ul>

Prequalification is valid for the relevant commodity group.

For each applied-for commodity group of the product groups "Concrete structures" and "Steel structures", 2 reference projects for structure types as per the above list are to be submitted. Proof of one structure type for each commodity group is sufficient.

Foot, cycle and media bridges as well as bridge refurbishments are not acceptable as reference projects.

Proof must be provided of execution of the critical tasks ("main works") in the production of the relevant structure type by work performed internally.

Reference projects are eligible only if completed in the last 5 years.

For the commodity group "Structural engineering - construction during rail operation", the following additionally applies:

- Prequalification for the commodity group can be acquired only as an addition to the commodity groups of the product groups "Concrete structures" and "Steel structures". If no prequalification exists or if prequalification cannot be granted in response to the application, it is also not possible for a prequalification to be granted for the commodity group.
- An application can be submitted in connection with any other applied-for commodity group of the category **or**, irrespective of that, subject to an existing prequalification for a commodity group of the product groups "Concrete structures" or "Steel structures".

### Proof of successful participation in the training

See above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process"

The proof is to be provided by all new applicants for this commodity group.

For first-time prequalification in this commodity group, the following applies:

The training must be no more than 12 months in the past. The minimum number of construction supervisors to be trained is:

- If  $\leq 20$  construction supervisors employed, at least 2 construction supervisors are to be trained
- If  $> 20$  construction supervisors employed, at least 10% of the construction supervisors are to be trained (rounded up in each case)

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

For the commodity groups of the product group "Concrete structures", there are the following inclusion rules in case of a prequalification:

- "Prestressed concrete bridges" include "Reinforced concrete bridges" and "Massive retaining structures".
- "Reinforced concrete bridges" include "Massive retaining structures".

The reference projects must have the following minimum dimensions:

- Concrete bridges on bearings must have a span  $\geq 6$  m.
- Frame structures must have a clear span  $\geq 2$  m
- Massive retaining structures must have a minimum height (top edge of foundation to top edge of retaining structure) of  $\geq 2$  meters.
- Steel bridges must have a span  $\geq 6$  m

In the product group Concrete structures, proof must be provided of the following critical tasks (main works) by work performed internally:

- Coordination of the construction process
- Internal supervision of construction
- Formwork and concrete work.

Note: If the reference projects in the product group Concrete structures used precast parts, they count only if the precast parts were demonstrably produced at the company's own precasting plant or on site (field site). The registration for third-party supervision must be submitted as proof.

In the product group Steel structures, proof must be provided of the following critical tasks (main works) by work performed internally:

- Internal supervision of construction
- Steelwork production at depot,
- Steelwork production on site,
- Site erection in end position.

Note: To acquire prequalification, in addition to the reference projects, it is necessary to provide proof of manufacturer-related product qualification EXC3DB (MPQ) as an additional qualification, based on EXC3 as per DIN EN 1090-2. The process is described in regulations DB S 918 005.

Please send your informal application to acquire the above-mentioned MPQ to the following address: e-mail: [QSB-Lieferantenmanagement@deutschebahn.com](mailto:QSB-Lieferantenmanagement@deutschebahn.com)

**C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Special conditions for requalification in the commodity group "Structural engineering - construction during rail operations"

The conditions stated above under "General information" and "Proof of knowledge for "construction during rail operations" in the PQ process" additionally apply.

The following applies to requalification in this commodity group: If, in the last 24 months prior to the applied-for requalification, no proof is provided of works in the categories General earthworks and civil engineering, Construction services for cables, Structural engineering or Special foundation engineering during rail operations at Deutsche Bahn AG, proof of the training must be provided as for first-time prequalification.

This requirement does not apply if, in the last 24 months prior to the applied-for requalification, works have been executed (proof required) in the categories General earthworks and civil engineering, Construction services for cables, Structural engineering or Special foundation engineering during rail operations at Deutsche Bahn AG.

If no proof of training is provided, this leads to non-granting of the additional qualification for "construction during rail operations". Deutsche Bahn AG reserves the right to carry out a review, including after completion of the process.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

A conditional prequalification can be granted after a case-by-case assessment. However, it can be granted only for the commodity group "Massive retaining structures".

In addition to proof of the reference projects (while observing Point B), it is at least necessary for the applicant to provide proof of human and other productive resources at its company offering sufficient functional and technical capability for the commodity group applied for.

Proof of this must be provided by submission of personal references or other third-party certificates for its specialist and management personnel proving their performance of reference projects (max. 5 years old) in the commodity group applied for. If necessary, further information will be requested from the applicant to provide proof of the expertise of its personnel.

The conditional prequalification is replaced only in the commodity group of the granted prequalification.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

In variation from the general process rules in Section 3.5.2.(2), reference projects from subcontractor relationships with a main contractor of DB AG are also permitted.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Widening of a prequalification is possible only in the product group "Concrete structures".

The commodity groups are subject to the following ranking in ascending order:

Massive retaining structures → reinforced concrete bridges → prestressed concrete bridges

Companies with an existing prequalification in the product group "Concrete structures" can apply for the execution of a reference project **at DB AG** only for the next higher level in the ranking.

Companies that, at the time of submission of the application, hold only a valid conditional prequalification must not base their application on reference projects.

## 6.6 Safety services

### **A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:**

- (1) Prequalification can be granted for the following commodity groups:
  - A** Safety services with automatic/mobile warning systems  
Safety services with safety personnel involving the use of Automatic Warning Systems (ATWS) or Mobile Warning Systems (MWS)
  - B** Safety services, lookout/safety supervisor with and without fixed barrier  
Safety services with lookouts and safety supervisors as well as with or without fixed barrier

Prequalification in commodity group A includes prequalification in commodity group B.

- (2) In addition to other requirements, the company submitting the application must provide proof of the following minimum requirements:
  - a. The company must have at least three (3) permanently employed lookouts and two (2) permanently employed safety supervisors.
  - b. Prequalification in the commodity group as per (1) A requires the company to have at least two (2) permanently employed ATWS operators and one permanently employed ATWS designer/design reviewer.  
As an alternative to the company having its own ATWS designers/design reviewers, it can submit a written undertaking by another company whereby the company submitting the application is able, throughout the entire period of validity of the qualification system, to draw on the other company's relevant capacities.
  - c. The named personnel must be in possession of a valid and in all parts current certificate of competence as per RiL 132.0118 V06 of DB Netz AG. This includes registered function-specific and follow-up training as per RiL 046.213 et seq. of DB Netz AG.
  - d. Proof must be provided of acquisition of the guidelines of DB AG as well as of the occupational accident insurance guidelines of the Railway Accident Insurance Fund in connection with work in the track area of DB AG.

### **B Additional information to Section 3.2.2 of the "process rules", stage 2:**

- (1) Only reference projects from services for a DB AG Group company are acceptable.
- (2) Reference projects from subcontractor relationships are not acceptable.
- (3) Reference projects are acceptable only where the project was completed in the last two years before the application submission date or where proof can be provided of items of work completed in that period.
- (4) For the commodity group "Safety services, lookout/safety supervisor with and without fixed barrier", the applicant must submit at least one reference project proving the use of personnel as per A (2) a.
- (5) For the commodity group "Safety services with automatic/mobile warning systems", the applicant must submit at least one reference project in which, in addition to A (2) a., use was also made of personnel as per A (2) b. and the relevant warning system.

**C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category**

Companies that hold a still valid conditional prequalification must first replace that prequalification; see letter F of these special process rules. An application to add another commodity group cannot be submitted before the existing conditional prequalification has been replaced. Alternatively, the application will be rejected with the same reasoning.

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

If, when submitting the application, the applicant is unable to provide proof of suitable reference projects executed for a DB AG company, it is possible to obtain a conditional prequalification.

The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

The conditional prequalification is replaced only in the commodity group of the granted prequalification.

- a. Replacement of a provisional prequalification for the commodity group "Safety services with automatic/mobile warning systems":

The applicant must submit at least 2 reference projects, one of which with proof of the relevant warning system.

- b. Replacement of a conditional prequalification for the commodity group "Safety services, lookout/safety supervisor with and without fixed barrier":

The applicant must submit at least 2 reference projects with proof of the relevant services.

Upon request by the entity performing the prequalification, copies of the full certificates of competence must be submitted for the safety personnel named in the reference projects.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification as per Section 3.5.2 (4) can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.

As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it participated in DB AG invitations to tender during the period of its conditional prequalification
- that it is currently making efforts to obtain reference projects at DB AG, is already executing such projects or has not yet completed them.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.7 Design of structural installations

### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

#### Minimum personnel-related requirements for the company submitting the application:

For prequalification, a company must, among other things, when submitting the application, provide proof of having at least two permanent employees with at least three years' professional experience as designers in the commodity group applied for.

These employees must have the academic degree of graduate engineer, bachelor, master or comparable qualifications of an EU member state in the subject of architecture or civil engineering or in comparable subjects.

Upon request by the entity performing the prequalification, suitable proof must be provided of the minimum personnel-related requirements and the aforementioned training.

### B Additional information to Section 3.2.2 of the "process rules", stage 2:

The information in letter A of these special process rules applies accordingly.

Reference projects should preferably be projects executed for the DB Group.

If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements. (see also letter E)

- (1) The category "Design of structural installations" is subdivided into the following two product groups, which contain a total of five commodity groups.

Product group	
Transport facilities	Engineering structures
with the commodity groups	
<ul style="list-style-type: none"> <li>▪ Design of transport facilities (track)</li> <li>▪ Design of transport facilities (railroad crossings)</li> <li>▪ Design of transport facilities (platforms)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Design of engineering structures (bridges and viaducts)</li> <li>▪ Design of engineering structures (pedestrian under/overpasses)</li> </ul>

- (2) Prequalification is granted for the relevant commodity group (product/service) and is valid only for the commodity group (product/service) applied for and for which proof has been provided by means of reference projects.
- (3) The reference projects to be submitted must fully meet the following requirements of the commodity group applied for. Proof must be provided of the service phases specified in Point(s) (4) and/or (5) in the reference projects as a whole for the relevant commodity group (e.g. Design of transport facilities (track)). That is, not all of the service phases specified in Point(s) (4) and/or (5) need to be contained in the same reference project. The above similarly applies to the contents and key areas specified in Point (9) as well as to the minimum criteria for the individual commodity groups.

- (4) In the product group "**Transport facilities**", proof must be provided, over the submitted reference projects as a whole, of the completed engineering services (see critical tasks in Point 9) of service phase 3 (final design) and one of service phase 5 (construction drawings) or service phase 6 (preparation of contract award). If proof cannot be provided of the aforementioned service phases 3 and 5 or 6 in the product group Transport facilities, proof of only service phase 5 is alternatively possible. In this case, prequalification will be granted conditionally. To replace the conditional prequalification, proof of service phases 3 and 5 or 6 must be provided within the specified period.
- (5) In the product group "**Engineering structures**", proof must be provided, over all the submitted reference projects as a whole, of the completed engineering services (see critical tasks in Point 9) in service phase 3 and service phase 6. If proof cannot be provided of the aforementioned service phases 3 and 6 in the product group Engineering structures, proof of service phase 5 is alternatively possible. In this case, prequalification will be granted conditionally. To replace the conditional prequalification, proof of service phases 3 and 6 must be provided within the specified period. To replace a conditional prequalification in the commodity group "Bridges and viaducts", proof of one bridge/viaduct type is sufficient.
- (6) For each service phase provided, the relevant structural plans, incl. plan view, transverse section and longitudinal section, must be submitted for each reference project.
- (7) Proof of supplier expertise is by means of demonstrably completed reference projects. Completion is limited to the submitted contents (service phases) of the reference project and should normally not be more than 5 years in the past. The type and scope of the applicant's internally performed work (including as a consortium partner) must be plausibly presented with regard to the share of the reference projects.
- (8) All drawings, descriptions and supplementary documents in relation to the reference projects must be clearly marked in numerical order. Personnel must be assigned to the reference projects.
- (9) For proof of supplier expertise, the submitted reference projects must as a whole contain the following engineering services and/or key areas of engineering (critical tasks):
  - Design of transport facilities (track)
    - Design of the complete permanent way and civil engineering (track foundations, ballasted track, underground cable installation, track drainage, construction technology, design of track and foundation works for at least 1000 m of new track or comparable maintenance planning for existing track or the design of 2 station tracks).
    - *The commodity group does not include the design of streetcar or industrial railroad tracks or services for concrete slab tracks.*
  - Design of transport facilities (railroad crossings)
    - Design of the transport hub at the railroad crossing (junctions, traffic circles, crossings), line/grade layout, tractrix curves, crossing design (signposting and markings, road drainage and underground cable installation).
    - *The commodity group does not include the design of the rail equipment of the railroad crossing.*



#### Design of transport facilities (platforms)

- New construction or complex conversion of platforms as per DB regulations (Ril 813.02)
- At least 1 platform of standard length and conventional design
- Wayfinding systems as well as platform equipment (platform roofs, wind/weather protection, platform furniture, direction signs, display cases)
- *The commodity group does not include the design of prefabricated platform systems.*

#### Design of engineering structures (bridges and viaducts)

- Design of complete new bridges and viaducts or replacement of the complete superstructure comparable to the design of a new structure.
- At least 2 different bridge/viaduct types must be submitted. At least one of the bridges/viaducts must have a span  $\geq 6$  m. For all other bridges/viaducts, a span  $\geq 2$  m is sufficient.
- Bridges/viaducts include all bridges/viaducts designed for rail traffic.
- *The commodity group does not include the design of road bridges.*

#### Design of engineering structures (pedestrian under/overpasses)

- Design of complete new pedestrian under/overpasses.
- *The design of just approaches and ramps as well as elevator shafts is not sufficient as proof of supplier expertise.*

### **C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

### **D Additional information to Section 3.6 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

### **E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

If, in stage 2 of the process, an applicant is unable to provide proof of reference projects for the client Deutsche Bahn AG, it is possible under the following conditions to obtain a conditional prequalification.

The information in letters A and B of these special process rules applies accordingly.

1. Sole design of service phase 5 (construction drawings) for Deutsche Bahn AG or other clients (e.g. construction companies).
2. Proof of supplier expertise by means of third-party reference projects. This refers to employees who are currently permanently employed by the company submitting the application and who were previously employed elsewhere, where they provided engineering services that are now submitted as third-party reference projects. In this case, after the reference projects have been submitted, the entity performing the prequalification will make available the "Self-declaration for third-party reference projects", which must be filled out by the company submitting the application.

3. Proof of supplier expertise by means of reference projects executed for non-German rail companies.
4. Proof of supplier expertise by means of reference projects advertised not by Deutsche Bahn itself, but by other clients, such as administrative district authorities, etc.

After successfully completing stage 2 and obtaining a conditional prequalification, companies are authorized to do work for Deutsche Bahn in the relevant commodity groups. In turn, the conditional prequalification can be replaced after two years based on the services/reference projects performed for DB.

**F Additional information to Section 3.5.2 of the "process rules",  
replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.

As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it is currently executing reference projects for DB AG, but they have not yet been completed or
- that it participated in DB AG invitations to tender during the period of its conditional prequalification and
- that it has provided services in the existing category.

**G Additional information to Section 3.6 of the "process rules",  
widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.8 Construction supervision

### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

- (1) Prequalification can be granted for the following commodity groups:
  - Rail construction supervisor, permanent way/structural engineering
  - Specialist construction supervisor, permanent way
  - Construction supervisor, rail equipment  
(control-command and signaling, electrical engineering, telecommunications)Prequalification for the commodity groups "Rail construction supervisor" includes the relevant specialist prequalification for the commodity groups "Specialist construction supervisor".
- (2) Minimum personnel-related requirements for the company submitting the application:  
For prequalification, the company submitting the application must, among other things, provide proof, for the commodity group applied for, of having at least one permanently employed rail construction supervisor or specialist construction supervisor with appropriate function-specific training and an in all parts current certificate of competence.
- (3) An individual will be accepted as a rail construction supervisor or specialist construction supervisor if it can be proved for them that they
  - a) meet the requirements as per Section 6 (2) or (3) of VV Bau (administrative regulations governing rail construction) (Vers. 4.53) or Section 19 (2) of VV Bau-STE (administrative regulations governing construction control for signaling, telecommunications and electrotechnical systems) (Vers. 4.6) of the German Federal Railway Authority (EBA)
  - b) are in possession of a valid and in all parts current certificate of competence for rail construction supervisor or specialist construction supervisor as per RIL 809 of DB Netz AG.
  - c) have successfully completed specialist function-specific training for the applied-for commodity group as per the current guidelines of DB Netz AG
    - RIL 046.2752 for "Specialist construction supervisor, permanent way" or
    - RIL 046.2753 for "Rail construction supervisor, permanent way/structural engineering"
    - RIL 046.2751 for "Rail construction supervisor, control-command and signaling" or "Specialist construction supervisor, control-command and signaling"
    - RIL 046.2757 for "Rail construction supervisor, electrical engineering" or "Specialist construction supervisor, electrical engineering"In this process, the qualifications "Rail construction supervisor" and "Specialist construction supervisor" "E for overhead line systems", "E for 50 Hz systems" and "E for traction power supply systems" are equivalent to "Rail construction supervisor, electrical engineering" and "Specialist construction supervisor, electrical engineering".
    - RIL 046.2758 for "Construction supervisor, telecommunications" or "Specialist construction supervisor, telecommunications"or corresponding predecessor training by an approved training provider (e.g. DB Training, VDEF) and can provide proof of regular advanced training as per RIL 046.2002 ("FIT" every 12 months) in accordance with the applicable regulations of DB Netz AG.  
Alternatively, the following will be accepted as proof of training as a construction supervisor: the certificate of recognition for former employees of DB/DR/ DB AG as per RIL 046.275 incl. proof of regular advanced training as per RIL 046.2002 (FIT).

- (4) To provide proof of (2) and (3), the applicant must, upon request by the entity performing the prequalification, submit copies of the certificate(s) of competence for the named construction supervisor(s).

**B Additional information to Section 3.2.2 of the "process rules", stage 2:**

The information in letter A of these special process rules applies accordingly.

The submission of reference projects described in Section 3.2.2 stage 2 of the "process rules" is not necessary in this category. Further proof will be requested in the course of the process.

**C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.6 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

All companies applying for prequalification in the category Construction supervision and not yet in possession of a valid prequalification in the commodity group applied for will be granted a conditional prequalification after successfully completing the process.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly. In addition to the successful provision of proof in stages 1 and 2 of the process, the following applies in variation from Section 3.5.2:

- (1) The decision to replace the conditional prequalification will be made on the basis of all supplier evaluations from the period of validity of the conditional prequalification in the category Construction supervision.
- (2) To replace the conditional prequalification, the average score of the supplier evaluations must be greater than or equal to 80% (good or outstanding).
- (3) If there are no supplier evaluations from the period of validity of the conditional prequalification or if their overall score is "restricted", the applicant must submit other proof of assessment of its work
- (4) If there are supplier evaluations from the period of validity of the conditional prequalification and their overall score is "poor", this may lead to the application being rejected.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.9 Design of electrotechnical installations

### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

Minimum personnel-related requirements for the company submitting the application:

For prequalification, a company must, among other things, when submitting the application, provide proof of having at least two permanent employees with at least three years' professional experience as designers in the commodity group (product/service) applied for.

These employees must have the academic degree of graduate engineer, bachelor/bachelor of industrial engineering, master or equivalent qualifications of an EU member state in the subject of electrical engineering and an employee as qualified electrical technician as per DIN 1000-10 must have specialist/supervisory responsibility for the company submitting the application.

Upon request by the entity performing the prequalification, suitable proof must be provided of the minimum personnel-related requirements and the aforementioned training.

The specialist professional experience of the designers will be examined during the completion of stage 2 with the reference projects to be submitted.

### B Additional information to Section 3.2.2 of the "process rules", stage 2:

The information in letter A of these special process rules applies accordingly. Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

- (1) The category "Design of electrotechnical installations" is subdivided into two commodity groups (product/service):

Commodity group (product/service)	
<ul style="list-style-type: none"> <li>▪ Design of electric power systems</li> </ul>	<ul style="list-style-type: none"> <li>▪ Design of electric switch heaters</li> </ul>
<p>The reference projects submitted for this commodity group must provide proof of the following engineering services:</p> <ul style="list-style-type: none"> <li>▪ Lighting equipment or emergency lighting equipment</li> </ul> <p><b>and</b></p> <ul style="list-style-type: none"> <li>▪ low-voltage distribution systems or emergency power supply systems</li> </ul> <p>The engineering services must have been provided in passenger stations or track-related installations of DB AG.</p>	<p>The reference projects submitted for this commodity group must provide proof of the following engineering services:</p> <ul style="list-style-type: none"> <li>▪ Two submitted reference projects must each include the design of at least <u>two heated switches</u>.</li> </ul>

- (2) Prequalification is valid for the relevant commodity group (product/service).
- (3) Reference projects must be submitted for completed work performed internally (critical tasks) at least for service phase 3 (final design) or 5 (construction drawings). A prequalification is valid for all and not individual service phases.

- (4) To be accepted, reference projects must have been completed in the last 5 years or include self-contained items of work including design review report.
- (5) The type and scope of the applicant's internally performed work (including as a consortium partner) must be plausibly presented in 2 reference projects for each commodity group. These must then have been created or reviewed by designers named in this stage.
- (6) All drawings, descriptions and supplementary documents in relation to the reference projects must be clearly marked in numerical order. Personnel must be assigned to the reference projects.

**C Additional information to Section 3.3 of the "process rules",  
additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules",  
requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules",  
granting of a conditional prequalification:**

If, in stage 2 of the process, an applicant is unable to provide proof of reference projects for the client Deutsche Bahn AG, it is possible under the following conditions to obtain a conditional prequalification. There are the following possibilities with regard to the proof of reference projects:

Case 1: Companies with personnel-related reference projects for the client DB AG

The applicant must submit reference projects performed by the specialist and management personnel at former employers. These individuals must currently be permanent employees (proof required) of the company submitting the application.

Case 2: Technically comparable reference projects

The applicant can submit reference projects that, based on the technical requirements and operational conditions, are comparable with projects of the DB Group, but which were not executed for the DB Group (e.g. for agencies responsible for road construction and maintenance, privately owned rail companies).

The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.

As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it is currently executing reference projects for DB AG, but they have not yet been completed or
- that it participated in DB AG invitations to tender during the period of its conditional prequalification and
- that it has provided services in the existing category.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.

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## 6.10 Design of overhead line systems

Prequalified companies are obliged, no later than upon contract award, to acquire the EBs drawings required for the design of overhead line systems. The drawings must be used exclusively for the company's own and project-related purposes and not be made available to third parties.

### **A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:**

Minimum personnel-related requirements for the company submitting the application:

For prequalification, a company must, among other things, when submitting the application, provide proof of having at least one permanent employee with at least three years' professional experience as a designer in the commodity group (product/service) applied for. This employee must have the academic degree of graduate engineer, bachelor, master or an equivalent qualification of EU member state.

In each case, the work requires a quality inspector in addition to the designer. This quality inspector must meet the same minimum requirements with regard to professional experience and qualifications as the designer named in the previous paragraph. If the applicant does not have its own personnel, it must provide proof of the suitability of an external quality inspector.

Upon request by the entity performing the prequalification, suitable proof must be provided of the minimum personnel-related requirements and the aforementioned training.

The specialist professional experience of the designers will be examined during the completion of stage 2 with the reference projects to be submitted.

### **B Additional information to Section 3.2.2 of the "process rules", stage 2:**

The information in letter A of these special process rules applies accordingly.

Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

- (1) The category "Design of overhead line systems" includes only the commodity group (product/service)
  - Design of 15 kV standard overhead line systems

The design of high-power overhead line systems or overhead conductor rail systems is not part of this qualification system.

- (2) Reference projects must be submitted for completed work performed internally (critical tasks) at least for service phase 3 (final design) or 5 (construction drawings). A prequalification is valid for all and not individual service phases.
- (3) To be accepted, reference projects must have been completed in the last 5 years or include self-contained items of work including design review report.
- (4) The type and scope of the applicant's internally performed work (including as a consortium partner) must be plausibly presented in the reference projects. At least two completed reference projects must be submitted for the relevant time period. These must then have been created or reviewed by designers named in this stage.
- (5) All design review reports, drawings, descriptions and supplementary documents in relation to the reference projects must be clearly marked in numerical order. Personnel must be assigned to the reference projects.



**C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

If, in stage 2 of the process, an applicant is unable to provide proof of reference projects for the client Deutsche Bahn AG, it is possible under the following conditions to obtain a conditional prequalification. There are the following possibilities with regard to the proof of reference projects:

Case 1: Companies with personnel-related reference projects for the client DB

The applicant can submit reference projects performed by individuals for former employers. These individuals must currently be permanent employees (proof required) of the company submitting the application.

Case 2: Technically comparable reference projects

The applicant can submit reference projects that, based on the technical requirements and operational conditions, are comparable with projects of the DB Group, but which were not executed for the DB Group (e.g. for agencies responsible for road construction and maintenance, privately owned rail companies).

The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.

As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it is currently executing reference projects for DB AG, but they have not yet been completed or
- that it participated in DB AG invitations to tender during the period of its conditional prequalification and
- that it has provided services in the existing category.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.11 Overhead line systems

This category does **not include the design** of overhead line systems.

Prequalified companies are obliged, no later than upon contract award, to acquire the EBs drawings required for the erection of overhead line systems. The drawings must be used exclusively for the company's own and project-related purposes and not be made available to third parties.

### **A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:**

Minimum personnel-related requirements for the company submitting the application:

For prequalification, a company must, among other things, when submitting the application, provide proof of having at least one permanently employed skilled electrician and one permanent employee with the qualification of engineer, master, graduate engineer or bachelor in an engineering subject or an equivalent qualification of an EU member state with at least 3 years' professional experience.

Upon request by the entity performing the prequalification, suitable proof must be provided of the minimum personnel-related requirements and the aforementioned training.

### **B Additional information to Section 3.2.2 of the "process rules", stage 2:**

The information in letter A of these special process rules applies accordingly.

Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

In the category Overhead line systems, prequalification is granted for the following commodity group (product/service):

- 15 kV standard overhead line systems
- Overhead conductor rail systems

Prequalification is valid for the relevant commodity group (product/service).

The reference projects must provide proof of erection over at least 1 km of track length.

For each commodity group applied for, the applicant must submit 2 reference projects that meet the key areas/minimum requirements.

To be accepted, reference projects must have been completed in the last 5 years or include self-contained items of work. The type and scope of the applicant's internally performed work (including as a consortium partner) must be plausibly presented in the reference projects.

The following key areas/minimum requirements apply to the reference projects to be submitted. Proof must be provided of the following critical tasks (main works) by work performed internally:

- Foundations
- Mast erection
- Overhead line erection
- Traction current return

### **C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules",  
requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules",  
granting of a conditional prequalification:**

If, in stage 2 of the process, an applicant is unable to provide proof of a reference project for the client Deutsche Bahn AG, it is possible to obtain a conditional prequalification. There are the following possibilities with regard to the proof of reference projects:

Case 1: Companies with personnel-related reference projects for the client DB AG

The applicant can submit reference projects performed by the specialist and management personnel at former employers. The requirements of the commodity group applied for must be met based on at least two personnel-related reference projects. Proof must also be provided of the suitable qualifications of the specialist and management personnel and their responsible involvement in the realization of the reference projects.

Case 2: Companies can submit reference projects that, based on the technical requirements and operational conditions, are comparable with projects of the DB Group, but which were not executed for the DB Group (e.g. for agencies responsible for road construction and maintenance, privately owned rail companies)

These companies must submit at least two reference projects for the commodity group applied for. The reference projects must provide proof of meeting the requirements of the commodity group applied for as well as comparability of the reference projects with projects of the DB Group.

The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules",  
replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

In variation from Section 6.12 letter B, the following applies:

At least one (1) reference project must be submitted for each commodity group applied for.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.

As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it is currently executing reference projects for DB AG, but they have not yet been completed or
- that it participated in DB AG invitations to tender during the period of its conditional prequalification and
- that it has provided services in the existing category.

**G Additional information to Section 3.6 of the "process rules",  
widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.12 Traction powerlines, new construction/conversion

### **A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:**

Minimum personnel-related requirements for the company submitting the application:

For prequalification, a company must, among other things, when submitting the application, provide proof of having one permanently employed responsible skilled electrician and one permanent employee with the qualification of engineer, master, graduate engineer or bachelor in an engineering subject or an equivalent qualification of an EU member state with at least 3 years' professional experience. Proof must be provided of registration as an installer with an energy supply company.

Upon request by the entity performing the prequalification, suitable proof must be provided of the minimum personnel-related requirements and the aforementioned training.

### **B Additional information to Section 3.2.2 of the "process rules", stage 2:**

The information in letter A of these special process rules applies accordingly.

Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

In the category Traction powerlines, new construction/conversion, prequalification is granted for the following commodity group (product/service):

- Traction powerlines (new construction, conversion, invest)

The following key areas/minimum requirements apply to the reference projects to be submitted. Proof must be provided of the following critical tasks (main works) by work performed internally:

- Construction drawings
- Coordination of the construction process
- Internal supervision of construction
- Foundations
- Mast erection
- Cable pull
- Inspection documents

For prequalification for Traction powerlines, new construction/conversion, at least two (2) submitted reference projects must include the erection of at least 10 train-path kilometers of track length.

To be accepted, reference projects must have been completed in the last 5 years or include self-contained items of work. The type and scope of the applicant's internally performed work (including as a consortium partner) must be plausibly presented in the reference projects.

### **C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

### **D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

If, in stage 2 of the process, an applicant is unable to provide proof of a reference project for the client Deutsche Bahn AG, it is possible to obtain a conditional prequalification. There are the following possibilities with regard to the proof of reference projects:

Case 1: Companies with personnel-related reference projects for the client DB AG

The applicant can submit reference projects performed by the specialist and management personnel at former employers. The requirements of the commodity group applied for must be met based on at least two personnel-related reference projects. Proof must also be provided of the suitable qualifications of the specialist and management personnel and their responsible involvement in the realization of the reference projects.

Case 2: Companies can submit reference projects that, based on the technical requirements and operational conditions, are comparable with projects of the DB Group, but which were not executed for the DB Group (e.g. for agencies responsible for road construction and maintenance, privately owned rail companies)

These companies must submit at least two reference projects for the commodity group applied for. The reference projects must provide proof of meeting the requirements of the commodity group applied for as well as comparability of the reference projects with projects of the DB Group.

The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.

As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it is currently executing reference projects for DB AG, but they have not yet been completed or
- that it participated in DB AG invitations to tender during the period of its conditional prequalification and
- that it has provided services in the existing category.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.13 Switch heaters

Prequalified companies are obliged, no later than upon contract award, to acquire the up-to-date drawings required for the design, erection and maintenance of electric switch heaters.

The drawings can be ordered from the following LINK:

<http://mediendienste.extranet.deutschebahn.com/>

The drawings must be used exclusively for the company's own and project-related purposes and not be made available to third parties.

### **A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:**

Minimum personnel-related requirements for the company submitting the application:

For prequalification, a company must, among other things, when submitting the application,

- provide proof of having a permanently employed responsible skilled electrician with at least three years' professional experience in electrotechnical professions.
- be able to provide proof of registration as an installer with an energy supply company.

Upon request by the entity performing the prequalification, suitable proof must be provided of the minimum personnel-related requirements and the aforementioned training.

### **B Additional information to Section 3.2.2 of the "process rules", stage 2:**

The information in letter A of these special process rules applies accordingly.

Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

The category Switch heaters is subdivided into the following commodity groups (product/service):

- Electric switch heater, low voltage
- Electric switch heater, medium and low voltage

Prequalification is valid for the relevant commodity group (product/service).

Prequalification for the commodity group "Electric switch heater, medium and low voltage" includes the commodity group "Electric switch heater, low voltage".

The following key areas/minimum requirements (critical tasks) apply to the reference projects to be submitted and proof must be provided of work performed internally:

- Cable construction/cable distributors
- Grounding (rail connections)
- Switch equipment/heater
- Connection of control system, weather sensors
- 15 kV connection at stop (cable sealing box)

At least 1 reference project must be submitted for each commodity group applied for. For prequalification in the relevant commodity group, at least one submitted reference project must include the installation of at least two heated switches.

To be accepted, reference projects must have been completed in the last 5 years or include self-contained items of work including inspection report. The type and scope of the applicant's internally performed work (including as a consortium partner) must be plausibly presented in the reference projects.

**C Additional information to Section 3.3 of the "process rules",  
additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules",  
requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules",  
granting of a conditional prequalification:**

If, in stage 2 of the process, an applicant is unable to provide proof of a reference project for the client Deutsche Bahn AG, it is possible to obtain a conditional prequalification. There are the following possibilities with regard to the proof of reference projects:

Case 1: Companies with personnel-related reference projects for the client DB AG

The applicant can submit reference projects performed by the specialist and management personnel at former employers. The requirements of the commodity group applied for must be met based on at least two personnel-related reference projects. Proof must also be provided of the suitable qualifications of the specialist and management personnel and their responsible involvement in the realization of the reference projects.

Case 2: Companies can submit reference projects that, based on the technical requirements and operational conditions, are comparable with projects of the DB Group, but which were not executed for the DB Group (e.g. for agencies responsible for road construction and maintenance, privately owned rail companies)

These companies must submit at least two reference projects for the commodity group applied for. The reference projects must provide proof of meeting the requirements of the commodity group applied for as well as comparability of the reference projects with projects of the DB Group.

The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules",  
replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.



As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it is currently executing reference projects for DB AG, but they have not yet been completed or
- that it participated in DB AG invitations to tender during the period of its conditional prequalification and
- that it has provided services in the existing category.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.

## 6.14 DC S-Bahn power systems

The erection of S-Bahn power systems in Berlin and Hamburg is subject to special standards and regulations of DB Netz AG and DB Energie GmbH.

### A Additional information to Section 3.2.1 of the "process rules", stage 1/basic questions:

Minimum personnel-related requirements for the company submitting the application:  
For prequalification in the category applied for, a company must, among other things, when submitting the application, provide proof of having

- at least one permanently employed responsible skilled electrician as per DIN 1000-10 with at least three years' professional experience in electrotechnical professions and
- one permanently employed graduate engineer, bachelor, master in the subject of electrical engineering or an equivalent qualification of an EU member state.

Upon request by the entity performing the prequalification, suitable proof must be provided of the minimum personnel-related requirements and the aforementioned training.

### B Additional information to Section 3.2.2 of the "process rules", stage 2:

The information in letter A of these special process rules applies accordingly.  
Reference projects should preferably be projects executed for the DB Group. If no reference projects executed for a company of the DB Group can be submitted, it is possible to submit reference projects for clients outside of Deutsche Bahn AG that meet similar requirements.

The category DC S-Bahn power systems is subdivided into four product groups, which include the following commodity groups (services):

Commodity group (service)	
<ul style="list-style-type: none"> <li>▪ S-Bahn Bln HH catenary Conductor rail 750 V/1200 V</li> <li>▪ S-Bahn Bln HH catenary Return conductor systems 750 V/1200 V</li> <li>▪ S-Bahn Bln HH catenary Remotely controllable switching/protection systems</li> <li>▪ S-Bahn Bln HH catenary, Underground cable installation</li> </ul>	<ul style="list-style-type: none"> <li>▪ S-Bahn Bln HH cable systems 30 kV/25 kV cable systems</li> <li>▪ S-Bahn Bln HH cable systems Underground cable installation</li> </ul>
Commodity group (service)	
<ul style="list-style-type: none"> <li>▪ S-Bahn Bln HH switching/coupling points Conductor rail 750 V 1200 V</li> <li>▪ S-Bahn Bln HH switching/coupling points Return conductor systems 750 V 1200 V</li> <li>▪ S-Bahn Bln HH switching/coupling points Underground cable installation</li> <li>▪ S-Bahn Bln HH switching/coupling points Final works</li> </ul>	<ul style="list-style-type: none"> <li>▪ S-Bahn Bln HH DC substations Conductor rail 750 V 1200 V</li> <li>▪ S-Bahn Bln HH DC substations Return conductor systems 750 V 1200 V</li> <li>▪ S-Bahn Bln HH DC substations 30 kV/25 kV cable systems</li> <li>▪ S-Bahn Bln HH DC substations Underground cable installation</li> <li>▪ S-Bahn Bln HH DC substations Final works</li> </ul>

To be accepted, reference projects must have been completed in the last 5 years or include self-contained items of work including inspection report. The type and scope of the applicant's internally performed work (including as a consortium partner) must be plausibly presented in the reference projects.

**C Additional information to Section 3.3 of the "process rules", additions to prequalifications in a category:**

The information in letters A and B of these special process rules applies accordingly.

**D Additional information to Section 3.4 of the "process rules", requalification of an existing prequalification:**

The information in letters A and B of these special process rules applies accordingly.

**E Additional information to Section 3.5.1 of the "process rules", granting of a conditional prequalification:**

If, in stage 2 of the process, an applicant is unable to provide proof of reference projects for the client Deutsche Bahn AG, it is possible to obtain a conditional prequalification. There are the following possibilities with regard to the proof of reference projects:

Case 1: Companies with personnel-related reference projects for the client DB AG

The applicant can submit reference projects performed by the specialist and management personnel at former employers. The requirements of the commodity group applied for must be met based on at least two personnel-related reference projects. Proof must also be provided of the suitable qualifications of the specialist and management personnel and their responsible involvement in the realization of the reference projects.

Case 2: Companies can submit reference projects that, based on the technical requirements and operational conditions, are comparable with projects of the DB Group, but which were not executed for the DB Group (e.g. for agencies responsible for road construction and maintenance, privately owned rail companies)

These companies must submit at least two reference projects for the commodity group applied for. The reference projects must provide proof of meeting the requirements of the commodity group applied for as well as comparability of the reference projects with projects of the DB Group.

The information in letters A and B of these special process rules applies accordingly.

**F Additional information to Section 3.5.2 of the "process rules", replacement of a conditional prequalification:**

The information in letters A and B of these special process rules applies accordingly.

Extension of a conditional prequalification

If no reference projects as per Section 3.5.2 can be submitted, the conditional prequalification can be extended once only by a further two (2) years. For this, as outlined in Section 3.5.2 (3), it is necessary to submit an application for replacement of the conditional prequalification. The process must be successfully completed.

As an alternative to the reference projects as per Section 3.5.2, the applicant must prove:

- that it is currently executing reference projects for DB AG, but they have not yet been completed or
- that it participated in DB AG invitations to tender during the period of its conditional prequalification and
- that it has provided services in the existing category.

**G Additional information to Section 3.6 of the "process rules", widening of an existing prequalification:**

There is no provision for widening in this category.