1. SCOPE OF WORK AND AREAS OF FOCUS

1.1. SCOPE OF THE DESIRED SOLUTION

1.1.1. The scope of work required is for the potential service provider to provide consumables, machinery, equipment, and labour that meet the stated technical and skill required for the refurbishment of rails by means of field welding and grinding of rail manufactured crossings, wheel-spin burns (skid marks), battered ends, removal of ultrasonic defects by means of exothermic welding of rail joint (48kg/m, 57kg/m and 60 kg/m) and grinding of overlaps on turnouts in the Metrorail Gauteng Region.

1.2. DETAILS ON THE PREFERRED SOLUTION

1.2.1. The preferred solution in addressing this challenge as opposed to not doing anything, is to rehabilitate the Perway system by procuring a service provider for the refurbishment of rails by means of field welding and grinding of rail manufactured crossings, wheel-spin burns (skid marks), battered ends, removal of ultrasonic defects by means of exothermic welding of rail joint (48kg/m, 57kg/m & 60kg/m) and grinding of overlaps on turnouts.

1.3. AREA TARGETED BY THIS PROJECT

1.3.1. The place of work shall be the whole of the Gauteng Region.

1.4. EXTENT AND COVERAGE OF THE PROPOSED PROJECT

1.4.1. The project will cover mainlines and staging yards in the Gauteng Region.

1.5. OTHER RELATED PROJECTS

1.5.1. National supply, delivery and handover of 48 and 57 kg/m rails
1.5.2. National supply of Turnouts
1.5.3. National procurement of a Flash butt OnTrack welding machine

2. SPECIFICATION OF THE WORK OR PRODUCTS OR SERVICES REQUIRED

2.1. SCOPE OF WORK

2.1.1. SCOPE OF PROPOSED WORK PROCESSES

2.1.1.1. The contractor shall perform work for PRASA Gauteng Province

2.1.1.2. The Contractor will be required to tender for the refurbishment of rails by means of field welding and grinding of rail manufactured crossings, wheel-spin burns (skid marks), battered ends, removal of ultrasonic defects by means of exothermic welding of rail joint (48Kg/m, 57Kg/m and 60Kg/m) and grinding of overlaps on turnouts.

2.1.1.3. Responsibility for the final quality of geometry of the track shall remain with the contractor.

2.1.1.4. It shall be expected of the contractor to communicate timeously and effectively with any parties involved on site regarding quality and production issues.

2.1.2. NATURE OF WORK

2.1.2.1. This contract and specification covers:

5.1.2.1.1 Field welding and grinding of rail manufactured crossings,

5.1.2.1.2 Welding and grinding of wheel spin burns (skid marks),

5.1.2.1.3 Welding and grinding of battered ends,

5.1.2.1.4 Repair of ultra-sonic defects by means of exothermic welding of rail joints (48kg/m, 57kg/m and 60kg/m),

5.1.2.1.5 Grinding of overlaps on turnouts.

5.1.2.2 The welding and grinding must be performed by qualified track welders, in possession of a valid track-welding certificate for each welding activity. PRASA will test the track welders before the project commences.

5.1.2.3 The contractor must have the appropriate machinery and equipment to perform all work, transport and labour that shall be provided, maintained, and operated by the contractor during the contract period.

5.1.2.4 The work will take place in confined spaces and under special conditions close to running trains. Some work will take place across multiple lines as well as in cuttings.

5.1.2.5 All work is subjected to the terms of the succeeding clauses, drawings, specifications, and conditions pertaining to this contract.

2.1.3. PREVIOUS TRACK WELDING EXPERIENCE

2.1.3.1. All contractors are required to give satisfactory evidence of previous experience regarding on-track welding and grinding and competent and qualified welding staff, as it will form part of the evaluation criteria during the process of awarding the contract.

2.1.4. CONTRACTOR'S RESPONSIBILITIES

2.1.4.1. **Provision of three (3) Welding Teams**

5.1.4.1.1 Each Welding team required for work will consist of:

5.1.4.1.1.1 Two welders per team

5.1.4.1.1.1.1 Welders must be in possession of valid track welding certificates. Certified copies of the certificates must be attached with the tender submission.

5.1.4.1.1.2 Three Flag men per team

5.1.4.1.1.2.1 All flag men must be certified.

TRACK MASTER	
Cellular phone	10lt Fuel can
Two-way radios	Track Gauges
Canvas Bags for flags.	Portable ballast tamping machine
Banners Red with poles	Ballast forks
Flags Red	Fist clip levers LH - RH
Hooter compressed	Poinjar beaters
Funnel	Whistles with chains
Hammer striking	Steel rod (Gwala)
Hydraulic jack	Pandrol clip levers
Jacks' "A"track	Rail Trolleys
Jacks' "B"track	Rail tongs
TRACK WELDER	
8-ton Dual purpose truck	Burner holder
450 Amp Diesel welding machine	Mould shoes skv - 48 F
Frog grinder (Mc 2)	Mould shoes skv - 57 F
Rail profile grinder (Mp12)	Mould shoes skv - 48 L
Large Angle grinder	Mould shoes skv - 57 L
Small Angle grinder	Mould shoes skv - 48/57
Rail Disc cutter	Slag trays
Generator 7,5 kVa	Slag tray carrier
Flat deck rail trolley	Mp 12 flat spanner and chain
Oxygen gauge	Mc 2 spanner
Propane gauge	Contour template (crossing)
Quick release (QR) coupling gauge end oxygen	Mold shoes cover plate
Quick release (QR) coupling gauge end acetylene	Face shield (grinding)
QR coupling with flashback arrestor. Torch end ox.	Electronic heat meter
QR coupling with flashback arrestor. Torch end acet.	Depth gauge
Flashback arrestor gauge end oxygen	Gas flow meter (Harris type)
Flashback arrestor gauge end acetylene	Universal mounting clamp
Mixing chamber 43-2 (propane)	Straight Edge 1m
Cutting attachment (cutting torch)	Straight Edge 500mm
Universal shaft	Gap gauge
Heating nozzle 3H	Looting tool
Block nozzle thermit welding	Hammer 1 kg
Nozzle cleaners (propane)	Hammer 2 kg
Taper gauge	Hammer 6 kg
Fire lighter	30m welding cable

Numerical stencils 0 to 9	30m oxygen gas pipe
Alphabetical stencil (code)	30m propane gas pipe
Helmet	Jumper cable
5-meter tape	Slag spray-bar
Steel brush	Crucible ring
Chipping hammer	Crucible cover
Shifting Spanner 300mm	Leather apron
Cold chisel	SIMS 1mm
Gloves (welder & helpers)	SIMS 2mm
Spats (welder & helpers)	Cutting & gas welding goggles
Acetate spectacles	Mould shoes skv – 60 M
Electric electrode oven	

Table 1: Equipment and tools required for welding

5.1.4.1.1.3 One Track Inspector/master per team,

5.1.4.1.1.3.1 The Track master must be qualified and in possession of a track Inspector/master's certificate. Certified copies of the certificates must be attached with the tender submission.

5.1.4.1.1.3.2 No track Inspector/master will be allowed to execute any contract-related work without proof of mentioned certificate. It will be expected from the track Inspector/master to be on site all the time.

5.1.4.1.1.4 Twelve Track workers per team,

5.1.4.1.1.4.1 The Track Worker shall be medically fit and capable of performing the duties and physical requirements associated with the work.

5.1.4.1.1.5 Team Composition

5.1.4.1.1.5.1 Each Welding Team will consist of the following personnel:

5.1.4.1.1.5.1.1 Two (2) Track Welders

5.1.4.1.1.5.1.2 One (1) Track Inspector/Master

5.1.4.1.1.5.1.3 Three (3) Flagmen

5.1.4.1.1.5.1.4 Twelve (12) Track Workers

5.1.4.2 Plant, Labour, Tools and Equipment

5.1.4.2.1 The contractor is responsible to supply and maintain during the contract period all plant, labour, tools, equipment, consumables, and transport to successfully execute the project. Table 1 above reflects the equipment and tools required per team.

5.1.4.2.2 The plant to be provided and operated by the Contractor in the execution of the Works has to be efficient, maintained in a state of efficiency and suited for the purpose for which it is meant to be used as well as to reach all working areas (E.g. Across multiple lines, Cuttings etc.)

5.1.4.2.3 The Technical Officer shall have the right at any time during the contract period to inspect and test the plant as to its efficiency and suitability. The Technical Officer also have the right to order the contractor to remove from site and replace any plant, which he considers inefficient or unsuitable for the work. All costs experienced by the contractor due to loss of productivity or repairs to machinery will be for his/her account.

5.1.4.2.4 The contractor will not be allowed to borrow or make use of any PRASA plant. The vehicle to transport the equipment and personnel should be roadworthy and the driver must be in possession of a valid driver's licence and Public Drivers Permit (PDP)

5.1.4.3 Material and consumables

5.1.4.3.1 The Contractor shall supply the following material and consumables in good quality and working condition:

5.1.4.3.1.1 Exothermic portions and moulds for the welding of joints.

5.1.4.3.1.2 All oxygen, acetylene, LP gas and welding rods required for welding purposes.

5.1.4.3.1.3 Cleaning material, oil, grease, black lead, and graphite for treating contact and sliding surfaces.

5.1.4.3.1.4 Track thermometers for measuring rail temperatures.

5.1.4.3.1.5 Shims for setting expansion gaps at rail joints.

5.1.4.3.1.6 Applicable temperature crayons.

5.1.4.3.1.7 Penetrating agent.

5.1.4.3.1.8 Number and alphabetic stencils.

5.1.4.3.1.9 Measuring equipment and templates required to measure conformance and quality of the work

5.1.4.3.1.10 The required radios, flags and whistles,

5.1.4.3.1.11 All other consumables (E.g., Fuel, grinding stones, etc.) required for the proper execution of the Works.

5.1.5 DAILY WORKLOAD

5.1.5.1 A daily workload (job cards) to be issued as per occupation notice.

5.1.5.2 The minimum daily workload will consist of:

5.1.5.2.1 Welding and grinding of two (2) Rail Manufactured crossings, or

5.1.5.2.2 Welding and grinding of at least fifty (50) skid marks (150mm represent one skid mark), or

5.1.5.2.3 Cast & grind of 8 x Exothermic Welds.

5.1.5.3 PRASA Track Master to take over the site after completion of the day's work and to sign-off the daily log sheets.

5.1.5.4 PRASA Technical Supervisor (welding) to inspect the work done by the contractor and to co-sign the log sheets.

5.1.5.5 Notes:

5.1.5.5.1 Should the contractor fail to achieve the workload provided, it will be recorded on the daily log sheet, and he/she will be paid for work done only.

5.1.5.5.2 The average daily workload will be calculated over a one-month period.

2.2. CONTRACT AREA

2.2.1. The contract area will be within all the corridors in the Gauteng Region.

2.2.2. PRASA will provide the Contractor with a preliminary working program. The Technical Officer will also arrange for a planning meeting 5 days prior of contract commencement. This meeting will involve all the local stakeholders and production aspects of all work required for the refurbishment of rails will be discussed and recorded by means of the official meeting minutes.

2.3. HOURS OF WORK / OCCUPATION PERIOD

2.3.1. The service provider shall conform to the duration of occupations as indicated by the notices and the Technical Officer. Occupation time used by the service provider more than the maximum specified occupation time will not be paid against overtime rates, unless:

2.3.1.1. The Technical Officer agrees on it in writing prior the start of the occupation, or

It can be proved by the service provider that delays caused by PRASA resulted in an overtime claim.

5.4. DURATION OF CONTRACT

5.4.1. The Contract duration will be 36 Months from the award date/appointment letter signed by the contractor.

5.4.2. The Contractor should be able to commence once all necessary documentation and application for occupation have been completed. Thirty (30) days upon receipt of official written notice from a Technical Officer. PRASA Rail reserves the right to extend the period of occupations.

5.5. ESTABLISHMENT OF PLANT AND MACHINERY ON SITE

5.5.1. The contractor shall deliver the plant and machinery, in operational condition with maintenance crew, labour and consumables (diesel, gas, etc.) to the initial place of work as directed by the Technical Officer.

5.6. PROTECTION OF SITE

5.6.1. Protection of the workplace will be done by flagmen supplied by the contractor and all liaisons with Train Services shall be done by PRASA RAIL Track Inspector/master.

5.7. TO BE PROVIDED BY PRASA

5.7.1. PRASA Rail (in cooperation with the contractor) will arrange for the occupations during which the project will take place.

5.7.2. PRASA Rail will arrange and provide:

5.7.2.1. All project related material (Rails, detonators and fastenings)

5.7.2.2. Supervision of works

5.8. TO BE PROVIDED BY CONTRACTOR

5.8.1 The contractor shall in addition to what is stipulated in the Conditions of Contract, also supply the following:

5.8.1.1 A Site book (in triplicate) to record all incidents as well as the progress of work done during the occupation.

5.8.1.2 All equipment, tools, and labour that he/she shall need to successfully complete the project.

5.8.1.3 Supervision over and protection of the work site by qualified people.

5.8.1.4 Staff – with valid track required qualification for all types of work.

5.8.1.5 The Contractor will have to ensure he/she is familiar with the specifications within this contract documents.

5.9. PAYMENT CERTIFICATE

5.9.1. On or after the assessment date, the Technical Officer and the Supplier will together assess the quantities of the progress on each item in the Bill of Quantities and complete the Progress Assessment Detail form, where after the Progress Assessment Certificate will be issued.

5.9.2. The Supplier shall then submit a VAT invoice and attach the above Progress Certificate for payment by the Employer.

5.9.3. Contractor to provide the Employer with the necessary details regarding banking details to enable the Employer to make electronic payments.

5.10. PRICING OF THE WORKS

5.10.1. Prices quoted must be in South African currency.

5.10.2. The Contractor is advised to study the requirements of the SPK 7/2 and ensure that all works can be completed in accordance with these requirements.

5.10.3. The contract offer shall be based on the rates as indicated in the bill of quantities.

5.11. PENALTIES

5.11.1. If the Contractor fails to complete the Services within the time stipulated in this Contract for completion of Services or a part or portion of Services, the Contractor shall be liable to the Employer for an amount calculated at 0.03% of the Contract Price per delayed Day per order, which shall be paid for every day which shall elapse between the time for due completion and completion of the relevant Services. However, the total amount due under this sub-clause shall not exceed the maximum of 10% of the Contract Price.

5.11.2. The imposition of such penalty shall not relieve the Contractor from his/her obligation to complete Services or from any of its obligations and liabilities under the Contract,

5.11.3. PRASA may set off or deduct from the fees due to the Contractor any penalty amounts due and owing by the Contractor in terms of clause 5.10.1.

5.11.4. The following penalties will be recovered from the Contractor for delays to PRASA trains as described below:

5.11.4.1. Train R2500,00 per hour or part thereof - maximum of R22 500,00 per day.

5.11.4.2. Any damage caused to Infrastructure materials during welding process, this will be deducted from the contractor's invoice according to following items:

5.11.4.2.1. R740.00 Per Wooden sleeper.

5.11.4.2.2. R970.00 Per Concrete sleeper.

5.11.4.2.3. R130.00 Per Chair.

5.11.4.2.4. R900.00 Per rail lubricator.

5.12. SECURITY

5.12.1. It is the responsibility of the contractor to provide security on site for equipment, small plant, consumables and personnel for the duration of the contract.

3. OVERALL STAFFING AND KEY PROFESSIONAL STAFF

3.1. PROFESSIONAL TECHNICAL STAFF REQUIREMENTS

3.1.1. The appointed contractor will be required to provide qualified and experienced professional staff with the following key professional expertise:

3.1.1.1. Track Master

3.1.1.2. Health and Safety Officer;

3.1.1.3. Track Welder

3.1.1.4. Flagman

3.2. DETAILS OF THE MINIMUM QUALIFICATIONS FOR THE TECHNICAL STAFF LISTED ON 6.1 ARE OUTLINED BELOW.

3.2.1. **PERWAY – TRACK INSPECTOR/ MASTER**

3.2.1.1. The minimum qualifications for the Perway Track inspector/master are as follows:

3.2.1.1.1. Recognised Track Inspector/Master qualification;

3.2.1.1.2. Minimum of 3 years of post-qualification experience.

3.2.2. **HEALTH AND SAFETY OFFICER**

3.2.2.1. The minimum qualifications for the Health and Safety Officer are as follows:

3.2.2.1.1. National Higher Diploma in Safety Management.

3.2.2.1.2. Registration as a Health and Safety Officer (Pr registered – SACPCMP).

3.2.2.1.3. Minimum of 3 years of post-qualification experience.

3.2.3. **TRACK WELDER**

3.2.3.1.1. The minimum qualifications for the Track Welder are as follows:

3.2.3.1.1.1. Recognised Track Welder qualification (QCTO).

3.2.3.1.1.2. Minimum of 3 years of post-qualification experience.

3.2.4. **FLAGMAN**

3.2.4.1.1. The minimum qualifications for the Flagman are as follows:

3.2.4.1.1.1. Valid Flagman certificate

NB: A minimum of three qualified flagmen shall be deployed for each occupied section.

4. TECHNICAL SPECIFICATIONS RELATED TO THIS PROJECT

4.1. The documents forming the contract are to be taken as complimentary to each other. In case of any discrepancy or inconsistency between contract documents, the order of precedence will be as per table 2 below.

	SANS Specification
SANS 3000-1 to 2,	Railway Safety Management
EN13674-1	Specification for new Railway Rails or the latest equivalent standard
UIC 860-0, UIC 8610-1	UIC Codes or the latest equivalent standard

EN13848	Railway applications – Track geometry quality standard
SPK7/2	Specification for Works on, Over, Under or Adjacent to Railway Lines and near High Voltage Equipment)
PRASA SHE Specification	Safety Arrangements and Procedural Compliance with the Occupational Health and Safety Act (Act 85 of 1993) and Applicable Regulations; including any subsequent amendments;
	SABS Specifications
SABS 1083:1994	Aggregates from natural sources
SABS 1431	Grade 300wa for weldable structural steel
COLTO	Standard specifications for Road and Bridge Works for State Road Authorities, 1998
	PRASA Specifications
E10	General Specifications for Railway Track work (1996)
E10/1:	Laying of rails
E10/2:	Laying of sleepers
E10/3:	Ballast cleaning
E10/4:	Ballasting and tamping
E10/5:	Destressing of Rails
E10/6:	Building and Replacement of sets
E10/7:	Field welding of Rail joints
E10/8:	Field welding of skid marks
E10/9:	Slewing and Alignment
E10/11:	Survey and setting out of Track Alignment and Referencing
E10/14:	Building of New Lines
EN 13481- Part 1	Performance requirements for fastening systems
EN 13146	Test methods for fastening systems
EN 10089	Hot rolled steels for quenched and tempered springs
EN ISO 6506-1	Brinell hardness test method for rails
CCE 1/57/2	Specification for concrete sleepers to standard dimensions 1065mm gauge track
PWM 2/5	Specification for prestressed concrete sleepers used on 1065mm gauge Railway track
EN13674	Specification for new Railway Rails
CP1/1	Exothermic welding portions packaging specification
Track Manual	Manual for Track Maintenance (2000)
BBB8341	Manual for Track Welding (2007)

Table 2: Technical Specifications Related to this project

8 IS THIS A CIDB RELATED PROJECT? (YES / NO)

YES

If YES, what is the applicable Class of Work & Grade?

Class of Work: CE/ME

Minimum Grade: 7 or higher

9 PROJECT SPECIFIC TERMS AND CONDITION

9.1 PEFORMANCE LEVELS

9.1.1 The Contractor shall perform strictly in accordance with the levels required by this Agreement and any other specifications emanating there from and accept the penalties which will be instituted for non – performance.

9.2 INCREASE OR DECREASE IN COSTS

9.2.1 Prices will be fixed for the duration of the contract.

9.3 SITE PHYSICAL CONDITIONS

9.3.1 The tenderer must ensure that they make any provision in their tender price and programme for foreseeable and unforeseeable circumstances that may occur.

9.3.2 It is the tenderer's responsibility to obtain such information about the site and project circumstances, as is necessary for them to submit a fixed price.

10 PROJECT SPECIFIC SAFETY RELATED REGULATIONS

13.1. All work in this contract shall comply with the Occupational Safety Act No 85 of 1993, National Environmental management Act 107 of 1997 Act and construction regulation 2014. These items shall all be included in the tendered rates.

13.2. A copy of the act as well as an approved safety file shall be kept on site for the duration of the project.

13.3. The Contractor shall comply with all applicable legislation and PRASA's safety requirements adopted from time to time and instructed by the Technical Officer. Such compliance shall be entirely at the contractor's cost and shall be deemed to have been allowed for in the rates or total prices in the contract.

13.4. The Contractor shall report all incidents in writing to the Technical Officer. Any incident resulting in the death of or injury to any person on the works shall be reported within 15 minutes of its occurrence and any other incident shall be reported within 12 hours of its occurrence.

13.5. All personnel employed by the Contractor shall have undergone a Health and Safety Induction.

13.6. The Contractor shall make necessary arrangements for sanitation, water, and electricity at these relevant sites during the refurbishment of rails and turnouts.

13.7. The safety file will be approved only after all the requirements on the checklist are met. WITS_LIB/RISK_MGT/SHE File Checklist (version 3) is attached in this regard.

13.8. All work shall always comply with the E7/2 Specification attached hereto.

13.9. Normal protection measures in accordance with the Protection Manual shall apply.

13.10. An effective safety procedure to be followed by all personnel on any work site in the case of approaching rail traffic shall be compiled by the Contractor and implemented before any work commences. This procedure shall be updated whenever the need arises, and any changes shall be communicated to all employees on a works site before work proceeds.

13.10.1. The contractor shall be responsible for the safety of personnel on site. The following shall also form part of the safety plan:

13.10.1.1. Transportation of equipment and personnel.

13.10.1.2. Transportation, storage and handling of hazardous equipment

13.10.1.3. The site access certificate shall only be issued (to the successful bidder) after the evaluation and approval of the safety file.

13.10.1.4. It is the requirement of this contract that the contractor should provide PRASA with a detailed safety plan prior to being issued with a site access certificate, in accordance with the latest version of the OHS Act and the SPK7 and the PRASA SHE Specification.

13.10.1.5. The contractor is responsible to appoint the Safety Officer fulltime on site whose sole responsibility will be to manage and monitor safety related issues on site.

13.10.1.6. All drivers must have valid driver's licenses and Public Drivers Permits (PDP) where applicable. Vehicles must be road worthy.

13.10.1.7. The Contractor will be responsible for all protective clothing and equipment for his employees.

13.11. The method of rail replacement shall be such that work may proceed either under "total occupation" or "between trains occupation" and shall always comply with the E7/2 Specification.

13.12. Normal protection measures in accordance with the Protection Manual shall apply.

13.13. All protection arrangements shall at all times remains under the supervision and responsibility of a Track master or Track inspector.

13.14. The contractor shall at all times be required to supply adequate and competent supervision. The contractor shall provide a fully qualified Track Master - with valid Track Master certificate (as required by PRASA) to properly supervise the execution of the work.

13.15. The contractor must supply his own flagmen with valid flagmen certificate as required per work site for protection duties. (At least 3 flagmen per site)

13.16. The contractor shall appoint at each work site a person whose sole task shall be to be on the lookout for approaching rail traffic. This employee shall operate an audible warning device to timeously warn all people on the work site of approaching rail traffic.

13.17. The contractor shall not allow any persons on the work site to venture within the structure gauge when this warning procedure is not operating effectively.

13.18. The warning device shall be such that its sound can be clearly and effectively heard above the noise on the work site by all personnel within a radius of 100m around the centre of each work site. The cost to the contractor of providing the lookout as well as the warning device shall be deemed to be included in the rates tendered and no separate payment shall be made.

13.19. The Contractor shall accept responsibility for safe custody of the material and care of PRASA assets from the time the site and material is handed over into his custody by PRASA RAIL.

13.20. Any loss or damage to Material and PRASA assets will be recovered on the contractor's account.

13.21. This clause will remain effective to the duration of the contract until the contractor hand back the site to PRASA Technical Officer.

11 EVALUATION METHODOLGY

14.1. EVALUATION AND SCORING METHODOLOGY

11.1.1 The evaluation of the Bids by the evaluation committees will be conducted at various levels.

11.1.2 The following levels will be applied in the evaluation:

LEVEL	DESCRIPTION
Verify completeness	The Bid is checked for completeness and whether all required documentation, certificates; verify completeness warranties and other Bid requirements and formalities have been complied with. Incomplete Bids will be disqualified.
Verify compliance	The Bids are checked to verify that the essential RFT requirements have been met. Non-compliant Bids will be disqualified.
Detailed Evaluation of Technical	Detailed analysis of Bids to determine whether the Bidder is capable of delivering the Project in terms of business and technical requirements. **The minimum threshold for technical evaluation is 80%, any bidder who fails to meet the minimum requirement will be disqualified and not proceed with the evaluation of Price and Specific Goals.**
Specific Goals	Evaluate Specific Goals
Price Evaluation	Bidders will be evaluated on price offered.
Scoring	Scoring of Bids using the Evaluation Criteria.
Recommendation	Report formulation and recommendation of Preferred and Reserved Bidders
Best and Final Offer	PRASA may go into the Best and Final Offer process in the instance where no bid meets the requirements of the RFT and/or the Bids are too close in terms of points awarded.
Approval	Approval and notification of the final Bidder.

Table 7: Levels that will be applied in the evaluation

14.2. EVALUATION PROCESS

14.2.1 Interested bidders for this project shall be evaluated in terms for their administrative responsiveness, substantive responsiveness, technical/functional (capacity testing) evaluation and preference points. The evaluation committee shall use the following Evaluation Criteria depicted in table 8 below for the selection of the preferred bidder that shall render / deliver the required works, goods and / or services.

EVALUATION CRITERIA	WEIGHTING
Stage 1	**Compliance**
Stage 1A - Mandatory Requirements	
Stage 1B – Other Mandatory Requirements	
Stage 2	**Technical/Functionality**
Technical/Functional Requirements	Threshold of 80%
Stage 3	**Price and Specific Goals**
Price	80
Specific Goals	20
TOTAL	**100**

Table 8: Evaluation criteria for the selection of a potential bidder

14.2.2 The details of the stages outlined in Table 8 above are presented in the following sections below.

14.3. STAGE 1: MANDATORY REQUIREMENTS

14.3.1. Bidders must comply with all mandatory requirements and failure to comply will lead to immediate disqualification.

14.4. STAGE 1A- MANDATORY REQUIREMENTS

14.4.1. If you do not submit/meet the following mandatory documents/requirements, your bid will be automatically disqualified:

No.	DESCRIPTION OF REQUIREMENT	
a.	Completed Pricing and Delivery Schedule Form C – Section 3	
b.	Completed BOQ/Pricing - Section 10 of this RFT. **NB: PRASA may notify the bidders of any arithmetic errors or omission identified on BOQ to obtain clarity.**	
c.	Submit valid certificate of CIDB grading of 7**CE/7ME or higher**	
d.	Attendance of compulsory briefing session Form D shall be submitted with the tender document. Attendance register will be used to confirm this requirement.	

Table 9: List of Mandatory Compliance Documents

14.5. STAGE 1B – OTHER MANDATORY REQUIREMENTS

14.5.1. If you do not submit/meet the following mandatory documents/requirements, PRASA may request the bidder to submit the information within three (3) working days. Should this information not be provided, your bid proposal will be disqualified.

14.5.2. Other Mandatory Requirements are presented in Table 10 below.

No.	Description of requirement	
a)	Letter of Good Standing: COID	
b)	Supply of Valid SARS Pin	
c)	CSD supplier registration number	
d)	Completion of ALL RFT documentation (include ALL forms and annexures)	
e)	Joint Venture, Consortium Agreement or Partnersing Agreement / Subcontract Agreement signed by All parties (The agreement should indicate the leading bidder where applicable)	

Table 10: List of other Mandatory Compliance Documents

14.6. STAGE 2: TECHNICAL / FUNCTIONAL REQUIREMENTS

14.6.1. Qualifying bidders shall then be evaluated on functionality after meeting all compliance requirements outlined above. the minimum threshold for the technical/functionality requirements is 80% as per the standard evaluation criteria presented in table 8 above. Bidders who score below this minimum requirement shall not be considered for further evaluation in stage 3.

14.6.2. Details of the technical/functional requirements are presented in Table 11 below.

Item	Criteria	Weight
1	Organizational Experience	50
2	Experience and qualifications of key staff	50
	TOTAL	**100**

Table 11: Technical Evaluation Criteria

14.6.3. Further details of the technical/functional, weighting and scores are presented in Table 12 below.

FUNCTIONALITY EVALUATION CRITERIA		
CRITERIA	**WEIGHT**	**SCORES**
Organizational Experience Track record on Perway maintenance related projects previously executed – Perway Major components: 1. Replacement and Installation of rails 2. Replacement and installation of turnouts components and sets 3. Replacement and installation of sleepers 4. Replacement of fastenings 5. Replacement of ballast 6. Replacement and installation of rail lubricators 7. Railway Track welding activities NB. Provide for each successfully completed project/s in the following sequence: * Copy of an appointment letter/s (on a company letterhead) reflecting the following information: - Description of the project, - Client name, -Client contact (i.e., email and office number), - Project start and end date, - Extension of time where applicable, -Contract value inclusive of VAT. * Attach completion certificate/s signed by client/s indicating the value and type of work performed	**50**	Score will be based on successfully executed and completed similar Perway projects for replacement and Installation of Perway components of which details are provided below: 0. No information submitted/Non compliance = 0 1. 1 similar project = 10 2. 2 similar projects = 20 3. 3 similar projects = 30 4. 4 similar projects = 40 5. 5 and more similar projects = 50

Experience and Qualification of key staff Experience of key personnel (based on CVs submitted) • Track Inspector/master • Track Welder • Health and Safety officer (N.B. Provide copies of original qualifications and certificates of professional bodies. The copies must be certified by commissioner of oath. The date on the stamp shall be six months or less old, before the closing date of the tender. If the qualification has been awarded in other language either than English, please provide translation in English). **All foreign qualifications are to be accompanied by SAQA certificate for conversion. All foreign national's qualifications to be accompanied by valid work permits**	**50**	Score will be based on the qualifications, and technical experience of each key staff (Track Inspector/Master, Track Welder and Health and safety officer). Score will be allocated as follows: 0. No submission/non-compliance = 0 1. Listed three key staff members with less than 1 year related experience = 10 2. Listed three key staff members with a minimum of 1 year but less than 2 years' related experience = 20 3. Listed three key staff members with a minimum of 2 years' but less than 3 years related experience = 30 4. Listed three key staff members with minimum of 3 years' but less than 4 years related experience = 40 5. Listed three key staff members with 4 and more years' related experience = 50
Total	**100**	

Table 12: Technical Evaluation Criteria

Note: Bidders that fail to achieve the minimum overall qualifying score of 80% on functional/ technical requirements will not be considered for further Price and Specific Goals (Stage 3) evaluation.

14.7. STAGE 3 - PRICING AND SPECIFIC GOALS

14.7.1. Include or attach detailed pricing schedule

14.7.2. Bidders should provide their price proposal in envelope 2, which should include Form C (Financial Offer) and also provide proof of Specific Goals.

14.7.3. The following formula shall be used by the Bid Evaluation Committee to allocate scores to the interested bidders

$$Ps = 80\left(1 - \frac{Pt - Pmin}{Pmin}\right)$$

Figure 8: formula for allocating points

Where:

Ps = Points scored for the price of tender under consideration;

Pt. = Rand value of the tender under consideration;

Pmin = Rand value of the lowest acceptable tender.

14.7.4. The minimum qualifying criteria for pricing is 80 points as per the standard Evaluation Criteria presented in figure 8 above.

14.8. POINTS AWARDED FOR SPECIFIC GOALS

14.8.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 13 below as may be supported by proof/ documentation stated in the conditions of this tender:

14.8.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

14.8.2.1. An invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system: or

14.8.2.2. Any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

14.8.2.3. Then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 13: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference

point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20, system) (To be completed by the tenderer)	Evidence
Black Women owned	4		Certified copy of ID Documents of the Owners
Black Youth owned	4		Certified copy of ID Documents of the Owners
EME or QSE 51% Black Owned	4		Audited Annual Financial/B - BBEE Certificate/ affidavit
Owned by black persons with disabilities	4		Certified copy of ID Documents of the Owners and Doctor's note confirming the disability
Black people living in rural areas	4		Municipal/Eskom Bill or letter from Induna/Chief confirming residential address not older than 3 months

Table 13: Specific goals and allocation

Subject to section 2(1)(f) of the Act, the contract must be awarded to the tenderer scoring the highest points.

15. THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

15.1. The National Industrial Participation Programme (NIPP), which is applicable to all government procurement contracts that have an imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by Cabinet on

30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases / lease contracts (for goods, works and services) entered into after this date, are subject to the NIP requirements. NIP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

15.2. Bidders are therefore required to complete SBD 5 to give effect to the above. Bidders who do not complete this form will be automatically disqualified.