

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

FORM C

TENDER FORM

CURRENT TENDER DETAILS

Request number:	27/08/2023/GAU-(PER)
Request for Tender:	APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION

I / We _____
(Insert Name of Tendering Entity)

of _____

(Full address)
Conducting business under the style or title of:

Represented by:

in my capacity as:

being duly authorised thereto by a Resolution of the Board of Directors / Certificate of Partners, Members or Participants, as the case may be, dated _____, a certified copy of which is annexed hereto, hereby offer to undertake and complete the above-mentioned work (hereinafter called "the WORKS") at the prices quoted in the bills of quantities / schedule of quantities or, where these do not form part of the contract, at a lump sum, in accordance with the terms set forth in the accompanying letter(s) reference _____ and dated _____ (if any) and the documents listed in the accompanying schedule of tender documents for the sum of R

_____ (amount in words),

(All applicable taxes included)

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

- N.B.** (i) In the event of any discrepancy, the amount in words will take precedence over the amount in figures.
- (ii) Where items in the priced bills of quantities submitted with the tender for the WORKS other than architectural building work are incorrectly extended arithmetically, the unit rate will be treated as decisive.
- (iii) In tenders for architectural building work the total amount will be treated as decisive. If amounts for individual items cannot be reconciled with the total amount, the amounts for individual items shall be adjusted to the satisfaction of the PRASA to conform to the total amount.

The following list of persons are hereby authorised to negotiate on behalf of the abovementioned entity, should PRASA decide to enter into Post Tender Negotiations with shortlisted bidder(s).

FULL NAME(S)	CAPACITY	SIGNATURE
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I/We hereby offer to supply the abovementioned Services at the prices quoted in the schedule of prices in accordance with the terms set forth in the documents listed in the accompanying schedule of RFP documents.

I / We accept that should PRASA accept my / our tender and issue me / us with the notice of acceptance, this tender and, if any, its covering letter and any subsequent exchange of correspondence together with the PRASA acceptance thereof, such acceptance shall be subject to a written contract to be concluded between the PRASA and me / us.

I / We undertake to produce acceptable documentary proof of the necessary coverage for Workmen's Compensation, Securities and Insurance within **30 (thirty)** working days of notification of awarding of the contract, and to sign a formal contract if called upon by the PRASA to do so within **7 (seven)** working days of notification by the PRASA that the contract documents are ready for signature.

I / We undertake to complete the whole of the WORKS within _____

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

(in words) from the date of notification to me / us of acceptance of the tender, subject to completion in stages if and as laid down in the project specification and to such extensions of time as may be granted. Failing completion of the WORKS or any stage of the WORKS within the period(s) stipulated or by such extended date(s) as may be allowed by the PRASA I / we shall pay to the PRASA in terms of the Conventional Penalties Act 15 of 1962, the penalty for which provision is made in the project specification. The ordering of any alterations, extras, additions or omissions shall not in any way prejudice the PRASA claim for such penalty.

Application for relief from the obligation to pay a penalty will be considered by the PRASA, but shall be granted only if I / we can prove to the reasonable satisfaction of the PRASA that the penalty is out of proportion to the prejudice suffered by the PRASA by reason of the act or omission in respect of which the penalty was stipulated.

I / We declare that this tender holds good until _____ **(a minimum period of 90 days from closing date is required).**

I / We further agree that if, after I / we have been notified of the acceptance of my / our tender, I / we fail to enter into a formal contract if called upon to do so, or fail to furnish satisfactory security for the due and proper completion of the WORKS, the PRASA may, without prejudice to any other legal remedy which it may have, recover from me / us any expense to which it may have been put in calling for tenders afresh and / or having to accept any less favourable tender.

I / We undertake, in the event of my / our tender being accepted, to deposit with the PRASA as security for the due and proper completion of the WORKS, a Performance Bond issued by a South African registered Bank to the value of **ten (10) per cent** of the contract price (VAT inclusive).

I/ We declare that, being a company / partnership / close corporation / joint venture, I/we have duly completed the annexe hereto and certified it as correct.

The several documents involved are to be taken as complementary to each other. In the event of any conflict between the content of any of the documents listed in the schedule of tender documents (other than the project specification) and the project specification, the latter shall prevail. In the event of any conflict between the letter that accompanies the tender or other relevant correspondence and the

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

contents of the documents listed in the schedule of tender documents (including the project specification) such letter or correspondence shall prevail.

I/we agree that non-compliance with any of the material terms of this RFP, including those mentioned above, will constitute a material breach of contract and provide PRASA with cause for cancellation.

THUS DONE and SIGNED at _____

on this _____ day of _____

DULY AUTHORISED SIGNATORY(IES) WITNESSES

1. _____	1. _____
2. _____	2. _____
3. _____	3. _____

Detailed Pricing Schedule (**NB: THIS SECTION OF PRICING SCHEDULE MUST BE SUBMITTED ON A SEPARATE ENVELOPE 2 PART C.**)

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

PRICING SCHEDULE

1.1 PRICING SCHEDULE OF WORKS

Item No.	Description	Unit	QTY	Rate	Total
1	Preliminary and General				
1.1	Fixed charge and value related items	Sum	1		
1.2	Communication Liaison officer	Each	1		
1.3	Health and Safety Officer	Each	1		
1.4	Security	Each	1		
2	E.10/1: LAYING OF RAILS				
2.1	Removal of Rails	m	1		
2.2	Placing of Rails				
2.2.1	Placing of Rails on P2 sleepers	m	1		
2.2.3	Placing of Rails on Fist sleepers	m	1		
2.3	Removal of released material	m	1		
2.4	Joining of rails				
2.4.1	Thermit Welds	Each	1		
2.4.2	Welding X-ray test	Each	1		
3	INSTALLATION OF TURNOUTS				
3.1	Pre-assembling of turnout				
3.1.1	1:9 LH SET on concrete sleepers	Each	1		
3.1.2	1:9 RH SET on concrete sleepers	Each	1		
3.1.3	1:12 LH SET on concrete sleepers	Each	1		
3.1.4	1:12 RH SET on concrete sleepers	Each	1		
3.1.5	1:7 Double slip-on concrete sleepers	Each	1		
3.1.6	1:8 Double slip-on concrete sleepers (Tandem) - inside blades	Each	1		
3.1.7	1:9 Double slip-on concrete sleepers	Each	1		
3.1.8	1:7 Single slip-on concrete sleepers	Each	1		
3.1.9	1:3,5 Diamond crossing on concrete	Each	1		
3.1.10	1:4,5 Diamond crossing on concrete	Each	1		
3.1.11	1:6 Diamond crossing on concrete	Each	1		
3.1.12	1:7 Diamond crossing on concrete	Each	1		

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

Item No.	Description	Unit	QTY	Rate	Total
3.1.13	1:8 Diamond crossing on concrete	Each	1		
3.1.14	1:4,5 Scissor crossing on concrete	Each	1		
3.1.15	1:6 Scissor crossing on concrete	Each	1		
3.2	Removal of turnout				
3.2.1	1:9 LH SET on concrete sleepers	Each	1		
3.2.2	1:9 RH SET on concrete sleepers	Each	1		
3.2.3	1:12 LH SET on concrete sleepers	Each	1		
3.2.4	1:12 RH SET on concrete sleepers	Each	1		
3.2.5	1:7 Double slip-on concrete sleepers	Each	1		
3.2.6	1:8 Double slip-on concrete sleepers (Tandem) - inside blades	Each	1		
3.2.7	1:9 Double slip-on concrete sleepers	Each	1		
3.2.8	1:7 Single slip-on concrete sleepers	Each	1		
3.2.9	1:3,5 Diamond crossing on concrete	Each	1		
3.2.10	1:4,5 Diamond crossing on concrete	Each	1		
3.2.11	1:6 Diamond crossing on concrete	Each	1		
3.2.12	1:7 Diamond crossing on concrete	Each	1		
3.2.13	1:8 Diamond crossing on concrete	Each	1		
3.2.14	1:4,5 Scissor crossing on concrete	Each	1		
3.2.15	1:6 Scissor crossing on concrete	Each	1		
3.3	Installation of re-assembled turnout into track				
3.3.1	1:9 LH SET on concrete sleepers	Each	1		
3.3.2	1:9 RH SET on concrete sleepers	Each	1		
3.3.3	1:12 LH SET on concrete sleepers	Each	1		
3.3.4	1:12 RH SET on concrete sleepers	Each	1		
3.3.5	1:7 Double slip-on concrete sleepers	Each	1		
3.3.6	1:8 Double slip-on concrete sleepers (Tandem) - inside blades	Each	1		
3.3.7	1:9 Double slip-on concrete sleepers	Each	1		
3.3.8	1:7 Single slip-on concrete sleepers	Each	1		
3.3.9	1:3,5 Diamond crossing on concrete	Each	1		

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

Item No.	Description	Unit	QTY	Rate	Total
3.3.10	1:4,5 Diamond crossing on concrete	Each	1		
3.3.11	1:6 Diamond crossing on concrete	Each	1		
3.3.12	1:7 Diamond crossing on concrete	Each	1		
3.3.13	1:8 Diamond crossing on concrete	Each	1		
3.3.14	1:4,5 Scissor crossing on concrete	Each	1		
3.3.15	1:6 Scissor crossing on concrete	Each	1		
3.4	Re-aligning of turnouts and track				
3.4.1	1:9 LH SET on concrete sleepers	Each	1		
3.4.2	1:9 RH SET on concrete sleepers	Each	1		
3.4.3	1:12 LH SET on concrete sleepers	Each	1		
3.4.4	1:12 RH SET on concrete sleepers	Each	1		
3.4.5	1:7 Double slip-on concrete sleepers	Each	1		
3.4.6	1:8 Double slip-on concrete sleepers (Tandem) - inside blades	Each	1		
3.4.7	1:9 Double slip-on concrete sleepers	Each	1		
3.4.8	1:7 Single slip-on concrete sleepers	Each	1		
3.4.9	1:3,5 Diamond crossing on concrete	Each	1		
3.4.10	1:4,5 Diamond crossing on concrete	Each	1		
3.4.11	1:6 Diamond crossing on concrete	Each	1		
3.4.12	1:7 Diamond crossing on concrete	Each	1		
3.4.13	1:8 Diamond crossing on concrete	Each	1		
3.4.14	1:4,5 Scissor crossing on concrete	Each	1		
3.4.15	1:6 Scissor crossing on concrete	Each	1		
3.5	Released material – Dismantle, sorting, stacking, and loading	Each	1		
3.6	Joining of rails				
3.6.1	Thermit Welds	Each	1		
3.6.2	Welding X-ray test	Each	1		
3.7	Complete installation of closures	Each	1		
4	E.10/2: LAYING OF SLEEPERS				
4.1	Load from stack, transport and distribute sleepers and fastenings	Each.km	1		

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

Item No.	Description	Unit	QTY	Rate	Total
4.2	Re-sleeping in existing track				
4.2.1	Concrete sleepers	Each	1		
4.2.2	Wooden sleepers	Each	1		
4.3	Transport released surplus sleepers and fastenings with lorries	Each.km	1		
5	LUBRICATORS				
5.1	Load from stack, transport and distribute sleepers and fastenings	Each .km	1		
5.2	Installation				
5.2.1	Install lubricators complete (with polyurethane back plate)	Each	1		
5.2.2	Check rail curve applicator bracket	Each	1		
5.2.3	Transport released surplus sleepers and fastenings with lorries	Each.km	1		
6	Field welding and grinding of rail manufactured crossings, wheel-spin burns, battered ends, repair of ultra-sonic defects				
6.1	Field welding & grinding of Rail manufactured crossings	Each	1		
6.2	Wheel-spin burns (Skid marks)	mm	1		
6.3	Welding and grinding of battered Rail ends	mm	1		
6.4	Exothermic welds and X-Rays (48kg)	Each	1		
6.5	Exothermic welds and X-Rays (57kg)	Each	1		
6.6	Exothermic welds and X-Rays (60kg)	Each	1		
6.7	Grinding of overlaps on turnouts	m	1		
7	WEED CONTROL				
7.1	Yards	m ²	1		
7.2	Spraying of Vergus 3m from the middle of track to the left-hand side	m ²	1		
7.2	Spraying of Cess 3m from the middle of track to the left-hand side for multiple lines	m ²	1		
7.3	Cable routes, Electric boxes, Tumblers, Relay Rooms	m ²	1		

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

Item No.	Description	Unit	QTY	Rate	Total
7.4	Eradication of declared weeds and Invader plants	m ²	1		
8	TREE FELLING				
8.1	Fell trees with a stem diameter of 21mm to 150mm Low Risk	EA	1		
8.2	Fell trees with a stem diameter of 151 to 300 mm Low Risk	EA	1		
8.3	Fell trees with a stem diameter of 301 to 450 mm Low Risk	EA	1		
8.4	Fell trees with a stem diameter of 301 to 450 mm Medium Risk	EA	1		
8.5	Fell trees with a stem diameter of 301 to 450 mm High Risk	EA	1		
8.6	Fell trees with a stem diameter of 451 to 600 mm Low Risk	EA	1		
8.7	Fell trees with a stem diameter of 451 to 600 mm Medium Risk	EA	1		
8.8	Fell trees with a stem diameter of 451 to 600 mm High Risk	EA	1		
8.9	Fell trees with a stem diameter of 601 to 750 mm Low Risk	EA	1		
8.10	Fell trees with a stem diameter of 601 to 750 mm Medium Risk	EA	1		
8.11	Fell trees with a stem diameter of 601 to 750 mm High Risk	EA	1		
8.12	Fell trees with a stem diameter of 751 to 900 mm Low Risk	EA	1		
8.13	Fell trees with a stem diameter of 751 to 900 mm Medium Risk	EA	1		
8.14	Fell trees with a stem diameter of 751 to 900 mm High Risk	EA	1		

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

Item No.	Description	Unit	QTY	Rate	Total
8.15	Fell trees with a stem diameter greater than 901mm Low Risk	EA	1		
8.16	Fell trees with a stem diameter greater than 901mm Medium Risk	EA	1		
8.17	Fell trees with a stem diameter greater than 901mm High Risk	EA	1		
8.18	Remove felled tree with a stem diameter of 21 to 150 mm	EA	1		
8.19	Remove felled tree with a stem diameter of 151 to 300 mm	EA	1		
8.20	Remove felled tree with a stem diameter of 301 to 450 mm	EA	1		
8.21	Remove felled tree with a stem diameter of 451 to 600 mm	EA	1		
8.22	Remove felled tree with a stem diameter of 601 to 750 mm	EA	1		
8.23	Remove felled tree with a stem diameter of 751 to 900 mm	EA	1		
8.24	Remove felled tree with a stem diameter greater than 900mm	EA	1		
8.25	Emergency callouts	EA	1		
8.26	Cutting down of vegetation	m ²	1		
8.27	Remove cut vegetation	m ²	1		
9	OFFLOADING OF BALLAST				
9.1	Delivered by AY Wagons (Rail)	m ³	1		
9.2	Delivered by Trucks (Road)	m ³	1		
10	LIGHTING FOR WORKING AT NIGHT	R/day	1		
11	DAY LABOUR (PROVISIONAL)				
11.1	Supervision / Skilled labour	R/h	1		
11.2	Unskilled labour	R/h	1		
12	WORK OUTSIDE OF NORMAL WORKING HOURS (OVERTIME)				

BID SPECIFICATION - APPOINTMENT OF A SERVICE PROVIDER FOR THE REPLACEMENT OF RAILS, TURNOUTS, SLEEPERS, LUBRICATORS, FIELD WELDING AND GRINDING OF RAILS, MANUFACTURED CROSSINGS, REPAIR ULTRASONIC DEFECTS AND GRINDING OF OVERLAPS ON TURNOUTS AND VEGETATION CONTROL ON THE GERMISTON TO KWESINE LINE FOR A PERIOD OF SIX (6) MONTH IN THE METRORAIL GAUTENG REGION



BID NUMBER: 27/08/2023/GAU-(PER)

Item No.	Description	Unit	QTY	Rate	Total
12.1	Normal Overtime (Outside normal working hours)	R/h	1		
12.2	Sunday Time (Including working on Paid Public Holidays)	R/h	1		
12.3	Normal Overtime (on Saturdays)	R/h	1		
TOTAL					
VAT @ 15%					
GRAND TOTAL VALUE (to reflect on Form C)					

NB: Prices shall be inclusive of labour and remain fixed for the duration of the contract.