

TRANSNET



freight rail

A Division of Transnet SOC Limited Registration number 1990/00900/30

REQUEST FOR QUOTATION

KBY/52560

Alex: Laying of interlocking blocks to gravel road, Phase 2

Senior Buyer
Supply Chain Services
TRANSNET FREIGHT RAIL
Austen Street
KIMBERLEY
8301

"PREVIEW COPY ONLY"



Transnet Freight Rail, a division of

TRANSNET SOC LTD

Registration Number 1990/000900/30

[hereinafter referred to as **Transnet**]

REQUEST FOR QUOTATION [RFQ] No KBY/52560

ALEX: LAYING OF INERLOCKING BLOCKS TO GRAVEL ROAD PHASE 2

FOR DELIVERY TO: REAL ESTATE MANAGER

ISSUE DATE: 7 OCTOBER 2013

CLOSING DATE: 29 OCTOBER 2013

CLOSING TIME: 10:00

Please note that late responses and those delivered or posted to the incorrect address will be disqualified.

Section 1 NOTICE TO BIDDERS

Quotations which must be completed as indicated in Section 2 of this RFQ are to be submitted as follows:

METHOD:

Tender Box

CLOSING VENUE:

Transnet Freight Rail, Property Management Building, Office no. 2, Austen Street, Beaconsfield

1 Responses to RFQ

Responses to this RFQ [**Quotations**] must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter.

2 Broad-Based Black Economic Empowerment [B-BBEE]

Transnet fully endorses and supports the Government's Broad-Based Black Economic Empowerment Programme and it would therefore prefer to do business with local business enterprises who share these same values. Transnet will accordingly allow a "preference" to companies who provide a valid B-BBEE Verification Certificate. All procurement transactions will be evaluated accordingly.

2.1 B-BBEE Scorecard and Rating

As prescribed in terms of the Preferential Procurement Policy Framework Act (PPPPA), Act 5 of 2000 and its Regulations, Respondents are to provide the following:

- Proposals will be evaluated on price which will be allocated 80 points and preference which will be allocated 20 points, dependent on the value of the Services.
- The 80/20 preference point system applies where the acquisition of the Services will be less than R1 000 000.00.
- If the 80/20 preference point system is stipulated and all Bids received exceed R1 000 000.00, the RFQ will be cancelled.
- In this RFQ, Transnet will apply **80/20** preference point system prescribed in the PPPFA.

In compliance with the Government Gazette No 34612, Notice No. 754 dated 23 September 2011, as from 1 October 2011 valid B-BBEE Verification Certificates must be issued by:

- (i) Verification Agencies accredited by the South African National Accreditation System [SANAS]; or
- (ii) Registered Auditors approved by the Independent Regulatory Board of Auditors [**IRBA**], in accordance with the approval granted by the Department of Trade and Industry.

Enterprises will be rated by such agencies based on the following:

- a) **Large Enterprises** [i.e. annual turnover greater than R35 million]:
 - Rating level based on all seven elements of the B-BBEE scorecard

- b) **Qualifying Small Enterprises – QSE** [i.e. annual turnover between R5 million and R35 million]:
- Rating based on any four of the elements of the B-BBEE scorecard
- c) **Exempted Micro Enterprises – EME** [i.e. annual turnover less than R5 million]:

In accordance with B-BBEE Codes of Good Practice [Statement 000, Section 4], any enterprise with an annual total revenue of R 5 million or less qualifies as an EME.

- Automatic rating of B-BBEE Level 4 irrespective of race or ownership
- Black ownership greater than 50% or Black Women ownership greater than 50% automatically qualify as B-BBEE Level 3

Sufficient evidence to qualify as an EME would be a certificate (which may be in the form of a letter) from an auditor or accounting officer or a certificate from a Verification Agency accredited by SANS. The certificate must confirm the company's turnover, black ownership / black female ownership, B-BBEE status level and validity date.

Respondents are required to furnish proof of the above to Transnet. [i.e. a valid detailed scorecard as stipulated above in respect of Large Enterprises and QSEs, or a valid certificate in respect of EMEs].

Transnet will accordingly allocate a maximum of **20 [ten] points** in accordance with the **80/20** preference point system prescribed in the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000 and its Regulations to the Respondent's final score based on an entity's B-BBEE scorecard rating.

N.B. Failure to submit a B-BBEE certificate which is valid as at the Closing Date of this RFQ, will result in a score of zero being allocated for B-BBEE

[Refer clause 18 below for Returnable Documents required]

3 Communication

- a) Respondents are warned that a response will be liable for disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer(s) or employee of Transnet in respect of this RFQ between the closing date and the date of the award of the business.
- b) A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:

Name: Christopher Williams

Email: Christopher.williams@transnet.net

4 Tax Clearance

The Respondent's original valid Tax Clearance Certificate must accompany the Quotation. Failure to provide this document with the RFQ submission will result in disqualification.

5 VAT Registration

The valid VAT registration number must be stated here: _____ *[if applicable].*

6 Legal Compliance

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

7 Changes to Quotations

Changes by the Respondent to its submission will not be considered after the closing date and time.

8 Pricing

All prices must be quoted in South African Rand on a fixed price basis, excluding VAT.

9 Prices Subject to Confirmation

Prices quoted which are subject to confirmation will not be considered.

10 Negotiations

Transnet reserves the right to undertake post-tender negotiations with selected Respondents or any number of short-listed Respondents.

11 Binding Offer

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicated.

12 Disclaimers

Transnet is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that Transnet reserves the right to:

- modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- disqualify Quotations submitted after the stated submission deadline;
- not necessarily accept the lowest priced Quotation;
- reject all Quotations, if it so decides;
- place an order in connection with this Quotation at any time after the RFQ's closing date;
- award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider; or
- make no award at all.

In addition, Transnet reserves the right to exclude any Respondent from the bidding process who has been convicted of a serious breach of law during the preceding 5 [five] years, including but not limited to breaches of the Competition Act 89 of 1998. Respondents are required to indicate below whether or not they have been found guilty of a serious breach of law during the past 5 [five] years:

I/We _____ do hereby certify that I/we **have/have not been** found guilty during the preceding 5 [five] years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences.

Where found guilty of such a serious breach, please disclose:

NATURE OF BREACH:

DATE OF BREACH:

Furthermore, I/we acknowledge that Transnet SOC Ltd reserves the right to exclude any Respondent from the bidding process, should that person or entity have been found guilty of a serious breach of law, tribunal or regulatory obligation.

13 Evaluation Criteria

Transnet will utilise the following criteria [not necessarily in this order] in choosing a Supplier/Service Provider, if so required:

- Administrative responsiveness – Completeness of response and returnable documents
- Substantive responsiveness – Pre-qualification criteria, if any, must be met and whether the Bid materially complies with the scope and/or specification given
- Technical threshold of 60%: Compliance to specification / quality, previous performance, delivery lead-time
- Weighted evaluation based on 90/10 preference points system as indicated in paragraph 2 above:
 - Pricing and price basis [firm] - whilst not the sole factor for consideration, competitive pricing and overall level of unconditional discounts¹ will be critical
 - B-BBEE status of company

Preference points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	16
4	12
5	8
6	6
7	4
8	2

¹ Only unconditional discounts will be taken into account during evaluation. A discount which has been offered conditionally will, despite not being taken into account for evaluation purposes, be implemented when payment is effected.

Non-compliant contributor	0
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14 Validity Period

Transnet desires a validity period of 90 [ninety] days from the closing date of this RFQ.
 This RFQ is valid until _____.

15 Banking Details

BANK: _____
 BRANCH NAME / CODE: _____
 ACCOUNT HOLDER: _____
 ACCOUNT NUMBER: _____

16 Company Registration

Registration number of company / C.C. _____
 Registered name of company / C.C. _____

17 Disclosure of Prices Quoted

Respondents must indicate here whether Transnet may disclose their quoted prices and conditions to other Respondents:

YES NO

18 Returnable Documents

Returnable Documents means all the documents, Section and Annexures, as listed in the tables below.

- a) Respondents are required to submit with their Quotations the **Compulsory Returnable Documents**, as detailed below and marked with an *
Failure to provide all these Compulsory Returnable Documents at the Closing Date and time of this RFQ will result in a Respondent's disqualification. Respondents are therefore urged to ensure that all these Documents are returned with their quotations.

All Sections, as indicated in the footer of each page, must be signed, stamped and dated by the Respondent. Please confirm submission of these mandatory Returnable Documents by so indicating [Yes or No] in the table below:

	Submitted [Yes or No]
Returnable Documents	
SECTION 1 : Notice to Bidders	
- Valid B-BBEE Verification Certificate [RSA Large Enterprises and QSEs] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard	
- Valid B-BBEE certificate from auditor, accounting officer or SANAS accredited	

6

Respondent's Signature

Date & Company Stamp

Returnable Documents	Submitted [Yes or No]
Verification Agency [RSA EMES] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard	
- In the case of Joint Ventures, a copy of the Joint Venture Agreement or written confirmation of the intention to enter into a Joint Venture Agreement	
SECTION 2 : Quotation Form	*
SECTION 3: Vendor Application Form	
<ul style="list-style-type: none"> Original cancelled cheque or bank verification of banking details 	
<ul style="list-style-type: none"> Certified copies of IDs of shareholder/directors/members [as applicable] 	
<ul style="list-style-type: none"> Certified copy of Certificate of Incorporation [CM29/CM9 name change] 	
<ul style="list-style-type: none"> Certified copy of share certificates [CK1/CK2 if C.C.] 	
<ul style="list-style-type: none"> Entity's letterhead 	
<ul style="list-style-type: none"> Certified copy of VAT Registration Certificate [RSA entities only] 	
<ul style="list-style-type: none"> Certified copy of valid Company Registration Certificate [if applicable] 	
<ul style="list-style-type: none"> Original valid Tax Clearance Certificate [Consortia / Joint Ventures / Sub-contractors must submit a separate Tax Clearance Certificate for each party] 	*
Valid Letter of Good Standing	
ANNEXURE A – Project Specifications	*

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Section 2
QUOTATION FORM

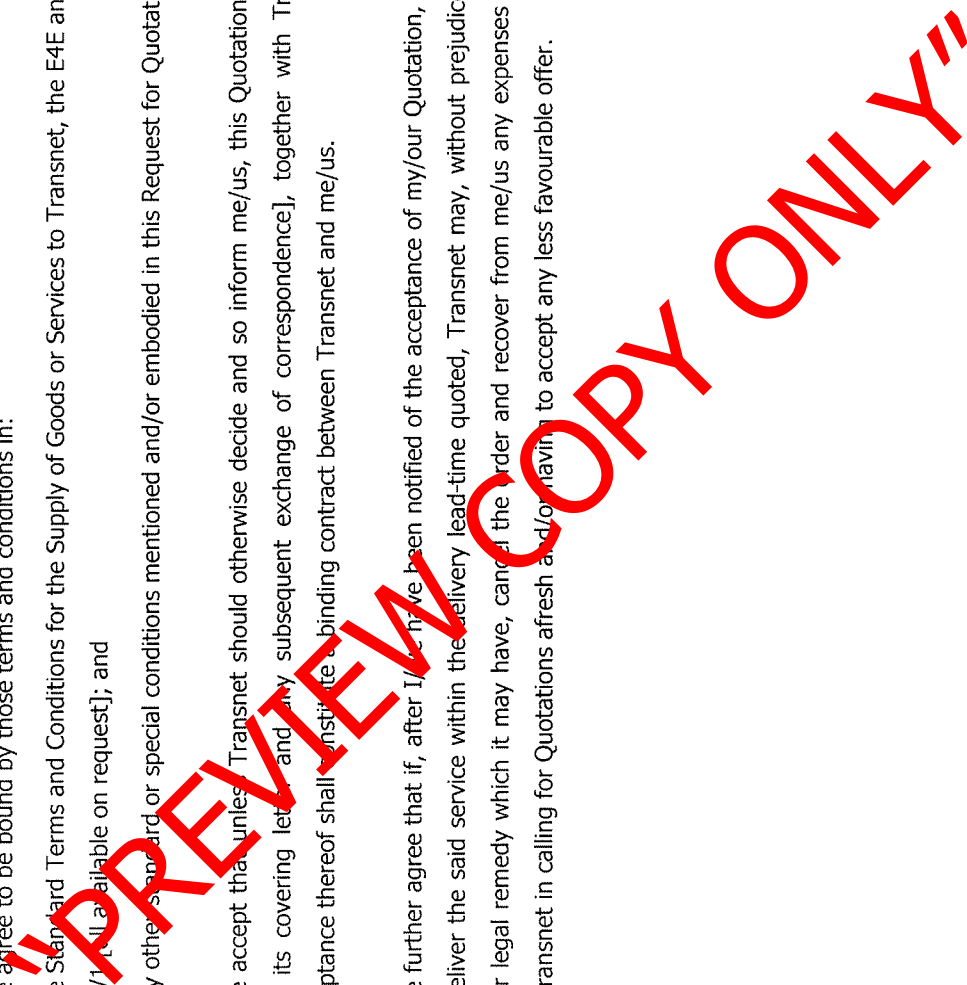
I/We _____
hereby offer to supply the services at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto and as per Annexure A

I/We agree to be bound by those terms and conditions in:

the Standard Terms and Conditions for the Supply of Goods or Services to Transnet, the E4E and the E7/1 (if available on request); and
any other standard or special conditions mentioned and/or embodied in this Request for Quotation.

I/We accept that unless Transnet should otherwise decide and so inform me/us, this Quotation [and, if any, its covering letter and any subsequent exchange of correspondence], together with Transnet's acceptance thereof shall constitute a binding contract between Transnet and me/us.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to deliver the said service within the delivery lead-time quoted, Transnet may, without prejudice to any other legal remedy which it may have, cancel the order and recover from me/us any expenses incurred by Transnet in calling for Quotations afresh and/or having to accept any less favourable offer.



Respondent's Signature

Date & Company Stamp

Price Schedule

I/We quote as follows for the Service required, excluding VAT

ALEX: LAYING OF INERLOCKING BLOCKS TO GRAVEL ROAD PHASE 2

RFQ NUMBER KBY/52560

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Respondent's Signature

9

Date & Company Stamp

SCHEDULE OF WORK AND PRICES

DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
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1.1. P & G Site establishment	Job	1		
1.1.2 Risk, Health & safety	Job	1		
2. Gravel road to be filled, leveled, compacted before laying paving blocks 600 x 4 m wide	M ²	2 400		
3 Lay of Interlock paving blocks 80 mm thick 600*4.00m wide	M ²	2 400		
4 Kerb Blocks lay in concrete	M	1280		
5. Form speed humps every 200m	Ea	2		
6. Speed & hump boards and 40Km/h sign on a 50mm post planted 0.400 x 0.400 x0.600 m	Ea	4		
7. Paint speed humps with chevron stripes	Ea	2		
8 Carts of retaining walls to track sides	Job	1		
Net Total to be carried (to forward to tender	form E4)		R	
		14% vat	R	
		Grand Total	R	

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Transnet Supplier Declaration/Application

The Financial Director or Company Secretary

Transnet Vendor Management has received a request to load your company on to the Transnet vendor database. Please furnish us with the following to enable us to process this request:

1. Complete the "Supplier Declaration Form" (SDF) on page 2 of this letter
2. **Original** cancelled cheque **OR** letter from the bank verifying banking details (**with bank stamp**)
3. **Certified** copy of Identity document of Shareholders/Directors/Members (where applicable)
4. **Certified** copy of certificate of incorporation, CM29 / CM9 (name change)
5. **Certified** copy of share Certificates of Shareholders, CK1 / CK2 (if CC)
6. A letter with the company's letterhead confirming physical and postal addresses
7. **Original** or **certified** copy of SARS Tax Clearance certificate and Vat registration certificate
8. A signed letter from the Auditor / Accountant confirming most recent annual turnover and percentage black ownership in the company **AND/OR** BBBEE certificate and detailed scorecard from an accredited rating agency (SANAS member).

NB:

- **Failure to submit the above documentation will delay the vendor creation process.**
- *Where applicable, the respective Transnet business unit processing your application may request further information from you. E.g. proof of an existence of a Service/Business contract between your business and the respective Transnet business unit etc.*

IMPORTANT NOTES:

- a) **If your annual turnover is less than R5 million**, then in terms of the DTI codes, you are classified as an Exempted Micro Enterprise (EME). If your company is classified as an EME, please include in your submission, a signed letter from your Auditor / Accountant confirming your company's most recent annual turnover is less than R5 million and percentage of black ownership and black female ownership in the company **AND/OR** BBBEE certificate and detailed scorecard from an accredited rating agency (e.g. permanent SANAS Member), should you feel you will be able to attain a better BBBEE score.
- b) **If your annual turnover is between R5 million and R25 million**, then in terms of the DTI codes, you are classified as a Qualifying Small Enterprise (QSE) and you claim a specific BBBEE level based on any 4 of the 7 elements of the BBBEE score-card, please include your BEE certificate in your submission as confirmation of your status.
NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency (e.g. permanent SANAS Member).
- c) **If your annual turnover is in excess of R35million**, then in terms of the DTI codes, you are classified as a Large Enterprise and you claim a specific BEE level based on all seven elements of the BBBEE generic score-card. Please include your BEE certificate in your submission as confirmation of your status.
NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency (permanent SANAS Member).
- d) **To avoid PAYE tax being automatically deducted from any invoices received from you**, you must also contact the Transnet person who lodged this request on your behalf, so as to be correctly classified in terms of Tax legislation.
- e) Unfortunately, **No payments can be made to a vendor** until the vendor has been registered, and no vendor can be registered until the vendor application form, together with its supporting documentation, has been received and processed.
- f) **Please return the completed Supplier Declaration Form (SDF) together with the required supporting documents mentioned above to the Transnet Official who is intending to procure your company's services/products in order that he/she should complete and Internal Transnet Departmental Questionnaire before referring the matter to the appropriate Transnet Vendor Master Office.**

Respondent's Signature

||

Date & Company Stamp

Supplier Declaration Form

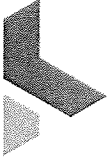
Company Trading Name									
Company Registered Name									
Company Registration Number Or ID Number If A Sole Proprietor									
Form of entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor			
VAT number (if registered)									
Company Telephone Number									
Company Fax Number									
Company E-Mail Address									
Company Website Address									
Bank Name		Bank Account Number							
Postal Address									
Physical Address									
Code									
Code									
Contact Person									
Designation									
Telephone									
Email									
Annual Turnover Range (Last Financial Year)									
< R5 Million			R5-35 million			> R35 million			
Products			Services			Both			
National			Provincial			Local			
Public			Private				No		
Is Your Company A Public Or Private Entity									
Does Your Company Have A Tax Directive Or IR30 Certificate									
Main Product Or Service Supplied (E.G.: Stationery, Consulting)									
BEE Ownership Details									
% Black Ownership	% Black women ownership	% Disabled person/s ownership							
Does your company have a BEE certificate	Yes	No							
What is your broad based BEE status (Level 1 to 9 / Unknown)									
How many personnel does the firm employ		Permanent		Part time					
Transnet Contact Person									
Contact number									
Transnet operating division									
Duly Authorised To Sign For And On Behalf Of Firm / Organisation									
Name		Designation							
Signature		Date							
Stamp And Signature Of Commissioner Of Oath									
Name		Date							
Signature		Telephone No.							

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Respondent's Signature

Date & Company Stamp



TRANSNET LIMITED
(REGISTRATION NO 1990/000900/30)

trading as TRANSNET
(hereinafter referred to as TRANSNET)

TENDERS ARE INVITED TO REPAIRS ROAD AND LAY INTERLOCK PAVING BLOCKS TO ROAD AT ALEX BEACONSFIELD (Was pad) 08DB008K

PART A

GENERAL & SPECIAL CONDITIONS OF CONTRACT

1. Scope of work:

This specification covers the repair to gravel road and lay pre-cast concrete segmental blocks 80mm and laid closely together, the joints between the units being filled with jointing sand.(2400M²) Lay of kerb blocks to side of blocks

NOTE: The standards referred to in the specifications are listed in 1.2.2. SUPPORTING SPECIFICATIONS

2. Site location:

The site is situated at **Alex Beaconsfield (WAS PAD)**

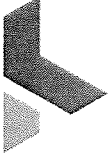
3. Contract documents:

A formal contract will be entered with the successful tenderer, which shall incorporate the following documents:-

- 3.1 Contract and General Conditions of contract, and
- 3.2 Specification;
- 3.3 Tender Documents, drawings and
- 3.4 Letter of confirmation of this tender.

The tenderers are required to check the number of pages and should any be found to be missing or in duplicate or the figures or writing to be indistinct or should there be any doubt or obscurity as to the meaning of any particular word or phrase or descriptions or should tenderers consider that any item is incorrectly or inadequately described they must inform the Manager, **Herman Conradie :053 838 3483 Fax :053 838 3007 Chain Supply Services P.O.Box 618 Kimberley 8301** once in writing under reference and have the matter rectified or explained as the case may be as no liability whatsoever will be admitted by Spoornet in respect of errors in a tender due to the foregoing.

No alterations, erasures or additions of any kind shall be made by the tenderers in, from or to any part of this specification unless expressly required to be made by written notice and should any unauthorised alterations, erasures or additions be made they will not be recognised by Spoornet.



The tenderers are required to acquaint themselves with the contents of the aforesaid documents and complete the following forms:

- Notice to Tenderers
- Scheduled of Rates and Prices
- E4 Tender Form (price transferred from the above-mentioned document) and
- E7/1 Working near tracks with Overheads

Transnet and presented to the successful tenderer for signature on award.

5. Time to complete the work:

Notwithstanding the following shall indicate in the Tender Form, the E4 herein: the duration in days that they will require to complete the works, but this shall not be longer than **150** days:

The contractor shall be required to complete the works in this period, as stated in the E4 and approved. This period shall be inclusive of weekends, public holidays and statutory holiday periods.

Failing completion of the work within the period as stipulated above or with any shorter period offered by the contenders and accepted by Transnet, the contractor shall pay to Transnet as penalty the sum of **R1000.00** (One Thousand Rand) for every day or part thereof during which the works remain incomplete.

6. Manager:

A **Junior Manager (Civil)** shall appoint a competent Project Manager to undertake the Engineering duties.

7. Guarantee:

All workmanship and material shall be **guaranteed for a period of 2 years**, from the date of completion of work.

8. Inspection of works:

- 8.1** No work shall be covered up or put out of view without the approval of the project manager. The Contractor shall afford full opportunity for the project manager to examine and measure any work, which is about to be covered up or put out of view and to examine foundations before permanent work is placed thereon.

The Contractor shall give due notice to the project manager whenever any such work of formations is or are ready or about to be ready for examination. The project manager shall, without unreasonable delay, unless he considers it necessary and advises the Contractor accordingly, examine and or measuring such work as required.

- 8.1** The Contractor shall uncover any part or parts of the work or make openings in or through the same as the project manager may from time to time direct and shall reinstate and make good such part or parts to the satisfaction of the project manager. If any such part of parts have been covered up or put out of view after compliance with the requirements of Sub-Clause 9.1 of this Clause, and are found to be executed in accordance with the Contract, the expenses of uncovering, making openings in or through, reinstating and making good the same shall be borne by the Contractor..



9. Site records:

9.1 Site Diary

The Contractor shall provide a diary, in triplicate to record all day-to-day incidents that could occur during the contract period. This includes weather, name & number of workers on the site, material that has been delivered, material that has been loaded and disposed off, incidences that have occurred, what work is to be done on that day, etc.

9.2 Site Instruction Book

The Contractor shall provide a site instruction book, in triplicate for the engineer to place all instructions that are needed to complement the specifications and drawings and any other instruction that may affect the cost of the work. No work will be recompensed for additional payment unless it has been recorded and signed by the project manager in the aforesaid book.

9.3 Programme & Planning of the work

The contractor shall provide to the project manager a detailed plan of how he intends to do the work and this plan must be in accordance to the requirements of the operation of Transnet workshop with minor disruptions as no delays must be allowed in this regard. The programme must be agreed to (in the site instruction book) before any work will be allowed to commence. The programme must be in a form of a pert (bar) chart and will be used as a guide to measure progress of the work.

9.4 Cash flow

Interim payment will be made to the amount of work completed. Final payment will be made after the job is finished.

10. Water supply:

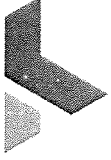
Water may be made available for the purpose of construction of the works only. The water shall be used conservatively and if not, this privilege shall be removed and the water shall be metered, and the cost of the metered water shall be borne by the Contractor as well as all charges as entertained by Spoornet. The Contractor must supply all connections, hoses, etc., as necessary.

11. Electricity supply:

Electricity may be made available to the Contractor at and specificity point. The contractor must adhere to the safety standards as per the General Safety Regulations, Electrical Machine Regulations, Electrical Installation Regulations of the **Health and Safety Act**, (Act 85 of 1993) and SANS 0142.

12. Access to site:

The areas are restricted and the contractor must ensure he complies with the regulations of Spoornet in every way. The Contractor and/or any sub-contractors shall be required to apply for permission to enter the restricted area in writing. A list of workmen shall be given to the manager to arrange for the necessary permits. 48 Hours minimum notice is necessary for the processing these permits. This includes changes to staff during the contract period.



13. Materials found on site:

The Contractor shall not use on the works any materials found on the site without the prior written consent of the Project Manager. No material that is lying on the site (other than that from this contract) or on Transnet's property, may be removed (even if deemed as scrap) by the contractor.

14. Clearing of site:

Further the Contractor shall provide for cleaning up and sorting all rubbish and debris of whatever kind throughout the duration of the contract. Upon completion the Contractor shall clear away and remove all rubbish, unused material, plant and debris and leave the site and the whole of the works clean and tidy to the satisfaction of the Project Manager.

15. Working outside normal working hours:

Work will take place in normal working hours are between 07:30 and 16:00 Mondays to Fridays. If it is required to work outside the stated normal working hours the Contractor must obtain written permission at least 24 hours before such work needs to be undertaken. Spoornet will not unreasonably withhold permission, however the Contractor may have to pay for Spoornet's supervisory personnel.

16. VAT:

Value Added Tax (VAT) shall be excluded in the Schedule of Rates and Prices Part C.

17. Escalation:

This contract does not make provision for compensation in respect of increased costs. The contenders must allow in his fixed price for any increased costs, which he may encounter during the contract period or such extended period as agreed upon by both parties.

18. Retention:

Transnet will keep a retention amount in case of any defective work. Transnet reserves the right to retain up to **ten (10) percent** of the value of the contract for a period of six months, (the maintenance period) or such further period beyond the maintenance period if defects have not yet been made good to the satisfaction of the project manager.

19. Payment:

Payment shall be made (within 30 days of receiving of month-end statement) when completed, (minus retention money), all as per clause 5 above, and in accordance with the Schedule of Rates and Prices Part C. If the period in the project is longer than one month a progress payment may be made. This will be a part payment for the work completed on the date of measurement.

The rates shall remain firm for a one-year contract period and no further review of basic rates shall be entertained during the contract period.

- ❖ The invoiced amount payable to the Contractor shall be the sum of the changes as set out in the Schedule of Rates and Prices., which shall be determined in accordance with the record, time sheets and such other documents kept by the parties, and which shall be invoiced on completion of the task..



20. Safety precautions and Insurance

20.1 Damage to Transnet's Assets and liability

Contract the contractor shall provide the insurance for the following: -

- ◆ The contractor shall be responsible for the following:-
- ◆ Contract Work;
- ◆ Public liability;
- ◆ Cables
- ◆ Water pipes
- ◆ Sewer pipes
- ◆ Storm water pipes
- ◆ Contract Work; (this insurance excludes the old (scrap) material removed)

20.2. Act 85

The contractor shall comply with the Occupational Health & Safety Act, 1993 (Act 85 of 1993). The form E.4E as placed in this Specification must be adhered to.

20.3 Environment

The Contractor shall, at all times, comply with the statutes that prohibit pollution of any kind. These statutes are enacted in the following legislation.

- The National Environmental Management Act, 107/1998;
- The Environmental Conservation Act, 73/1989; and
- The National Water Act, 36/1998.

The Contractor shall appoint a responsible person to ensure that no incident shall occur on site that could cause pollution. Where the Contractor was negligent and caused any form of pollution the damage shall be rectified at the Contractor's cost.

TRANSNET LIMITED
(REGISTRATION NO 90/00900/30)

trading as TRANSNET
(hereinafter referred to as TRANSNET)

TENDER NO.

TENDERS ARE INVITED TO REPAIRS ROAD AND LAY INTERLOCK PAVING BLOCKS TO ROAD AT ALEX BEACONSFIELD AREA (Was Pad) 08DB008K

PART B

PROJECT SPECIFICATION

SECTION 1

1. GENERAL

Repair to road and lay interlocking blocks with kerb blocks to Alex Beaconsfield (Was Pad) ± 2400M²

- i) Level of surface to lay interlocking blocks by filling & compacting road before laying interlocking blocks,
- ii) Lay of kerb block to road
- iii) Lay of 80 mm interlocking paving blocks ,(2400m²)
- iv) Compact of paving blocks,
- v) Make speed humps in interlocking blocks every 200 meter,
- vi) Paint of chevron on to speed humps,
- vii) Supply and plant 40km speed boards on 50mm poles,
- viii) Supply and plant speed hump boards on 50 mm poles,
- ix) Cast of concrete retaining walls .

1. P&G :

Site establishment. Shall include all overheads such as setting up site and dismantle of site

1.1.1 Risk Health & Safety

Shall include all Act 85 issues, PPE required to do necessary work and running costs to be able to do the work

1.2 Standard Specification

In so far as they can be applied, the following specifications shall be regarded as being embodied in this specification.

1.2.1 Transnet's Specifications (Enclosed)

Specification for work on, over, under or adjacent to railway lines and near high voltage equipment E7/1.

1.2.2 SANS Specifications (To be obtained by the tenderer)

Where this specification is required for a project the following specifications shall, inter alii, form part of the concrete specification:

- b) SANS 1200 A or SABS 1200 AA, as applicable;
- c) SANS 1200 D or SABS 1200 DA, as applicable;
- d) SANS 1200 DM; (Road sub base)
- e) SANS 1200 G or SABS 1200 GA, as applicable;
- f) SANS 1200 M (Roads)
- g) SANS 1200 ME (Site cleaning)
- h) SANS 1200C (Concrete (Small works))
- i) SANS 1200 GA – 1981 Roads
- j) SANS 1200 M – 1981 Sub-base
- k) SANS 1200 ME – 1981 Base
- l) Asphalt base and surfacing SANS 1200MH – 1981

Guidelines for the provision of Engineering services in Residential Townships - by Department of Community Development.
TRH 20 (1990) "The Structural Design, Construction and Maintenance of Unpaved Roads" Dept. of Transport, Pretoria.

1.3 To be supplied by the Contractor

The Contractor shall provide all labour, transport, consumable stores, plant, equipment, ppe, tools, services, materials and ingredients of every description required for the carrying out and completion of the Works as per this specification and any further work as may be ordered by the Project Manager/Manager.

1.4 Site meetings

The Contractor shall be called upon to attend meetings on the site to discuss the progress of WORKS with the Transnet representatives.

1.5 Recording of the works:

The Contractor shall keep and maintain accurate records in the site diary of all work so that any disputes can be resolved and that the extent of the required tests on the materials can readily be determined.

1.6 Setting out of the works:

The setting out of the work shall be the sole responsibility of the Contractor and shall be done in accordance with the "Guidelines for the provision of Engineering Services in Residential Townships" by The Department of Community Development.

1.7

Keep site tidy:

The Contractor shall keep the site tidy at all times and remove all old material and such as rubble, off-cuts, demolished material, surplus material and carry away and dump or store onto or at an approved site.

A permit must be obtained from the Municipalities to transport material on their roads, when required.

THIS (SCHEDULE OF RATES AND PRICES) MUST BE FILLED IN AND ADDED TO THE TOTAL CONTRACT PRICE.

Section 2

2. FORMATION LAYER

The profit required to do the work shall be to the contractor's consideration and must be allowed for in the entire Schedule of Rates and Prices. **FORMATION LAYER:**

2.1 Disposal of soil

All excavated material, and other surplus material or backfill shall be carted and disposed of by the contractor to an approved dumpsite.

2.2 Sub-Base

Existing gravel road to be filled, compacted and prepared to grade. Where necessary allow for extra material to complement the existing and to assist in reshaping the new profiles.

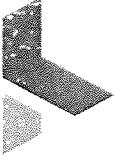
Grade the existing road to the required geometries, shape and to form drainage along the edge, elsewhere described. Width of road to be 5 m. Allow for the wetting of the road to the correct moisture content so as to be able to form the sub-base. The cross fall shall not be greater than 5% and less than 3% (1:20 to 1:33,3)
Use a roller and keep the road moist to compact the road to 90% mod AASTHO using gravel as before described and a CBR of 5% (minimum). Leave the road ready for the new base course.

2.3 Mixing and watering

As per cl 1.8.4 of this part "B". The compaction shall be kept moist during construction with a moisture content that will be the optimum for the construction equipment employed. The equipment shall be capable of achieving the densities as specified elsewhere in these Specifications. Only approved water of good quality shall be used.

The required amount of water shall be added by repeated trips of approved pneumatic tyre water lorries fitted with two or more sprinkler bars. Wherever possible most of the required water shall be added on the day preceding compaction, in order to obtain a more uniform distribution.

Thorough mixing of water with the material to be compacted shall be carried out with approved equipment and continued until a uniform and homogeneous mixture is obtained to the satisfaction of the Project Manager.



2.4 Sub-standard materials

The Contractor shall not order or deliver to the site any material, which has not been approved by the Project Manager. If sub-standard material is delivered, the Project Manager may order the Contractor to remove all such material from the site and the cost of material and cartage shall be for the Contractor's account.

2.5 Material

The sub-base shall be the institute road and worked by adding imported material to give a formation as specified and to receive the top (base) layer.

Materials shall contain no vegetable matter, rubbish or other deleterious matter, and shall conform to the following Specifications:-

A minimum CBR of 5% at 90% Modified AASHTO Density.

2.6 Grading and Placement of materials and wetting

The sub-grade material shall be spread out over the full width specified and shall be thoroughly mixed and broken up by rotary cultivator, balding or dicing to ensure that there are no clods or lumps which might prevent the uniform distribution of the material. Breaking up of clods or lumps shall in no way affect layers already compacted and approved. The mixing and wetting of the material shall be done in accordance with the provisions of Clause 1.8 the minimum thickness placed for any lift shall be 100mm.

2.7 Compaction

The compaction of the selected layer of the sub-grade course shall be done as described in Clause 1.8.5 But to a minimum degree of compaction required would be at least 90% of Mod AASTHO.

The finished surface of the sub-base shall be free from depressions exceeding 15mm when measured with a straight edge 3m long.

PARTICULAR SPECIFICATIONS

A1 CONSTRUCTION

A1.1 All work to be done strictly according to the specifications

All work shall be done strictly according to the specifications. The Tenderer shall allow for all items that are indicated on the specifications and shall also allow for all items that are reasonably expected to complete the work successfully. The items listed in this Specification are complimentary to the specifications on the plan and listed for clarity.

A1.2 Accommodation of traffic

The Contractor shall so arrange and conduct his operations as to cause the least possible inconvenience to Transnet's vehicles and public traffic. The Project Manager may order the Contractor at any stage to change his programme or position of work for the above reasons. No interruption of any commercial traffic shall be allowed within the Transnet boundary.

During the period of construction of the Works, the Contractor shall be responsible for the safe and easy passage of all traffic and pedestrians, through or over all sections of roads and access to premises, which may be required by law or by the Project Manager. The Contractor shall provide all temporary road signs, flagmen,

PAVING

3 SCOPE OF WORK

This project involves the following work: Dig out the in situ soil where necessary or fill in where necessary to specified levels to storm water drainage point. Provide and lay (600m long x 4m wide) ± 2-400 square metres of 80mm GI Interlocking class 25 paving blocks. Provide kerb blocks to all sides.

3.1 MATERIALS TO BE USED

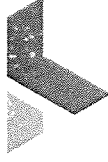
3.1.1 Interlock Paving blocks: 80mm thick Class 25 "G" Grey Interlocking blocks. Block to have a chamfer on all edges. Block shall have a compressive strength minimum of 25Mpa.

Test of paving blocks

Eighteen (18) blocks randomly selected by Transnet's Project manager from blocks delivered at site shall be send to be tested at **Simlab in Bloemfontein** to see if blocks comply with 25Mpa specification. If any of the blocks test under strength: Individual Minimum 20 Mpa Average Minimum 25 Mpa all of the blocks on site shall be rejected and shall be replaced by the contractor. The replacement blocks shall be tested again at Simlab and if any of the replacement blocks test under strength: Individual Minimum 20 Mpa Average Minimum 25 Mpa the contract shall be cancel with no payment to the contractor for any expenses.

Transnet will pay for first test **R800.0** There after the contractor must allow in tender for test of blocks, if necessary contractor shall also pay for second and thereafter test at Simlab.

3.12. Base Course: Existing material compacted to the satisfaction of the project manager before the bedding sand is laid.



3.1.3. Bedding Sand: Can be River Sand free of any solid materials, and must be laid no thicker than 20mm. Sand for bedding shall be free from solids and substances that may be deleterious to blocks.

3.1.4 Jointing Sand: Shall have passed a 1,18mm sieve and shall contain 10 – 50% of material that passes a 0,075mm sieve. Must be dry and mixed with 5% cement before sweeping between pavers. Sand shall be free of any solids and fine enough to penetrate joints.

3.1.5 Kerb blocks: to be bedded in to 75mm deep x 220 mm wide concrete of 1:3:5, 13 mm stone mix (15 Mpa). These kerb blocks should be jointed and pointed with ± 8 mm mortar joints. Back side of kern blocks to be covered up with soil to slope to existing soil.

4. TECHNICAL SPECIFICATIONS

4.1. Dig out the in situ soil or fill to with soil removed from high points over whole area. If the soft or unstable areas of the base shall be removed to a depth of 200mm and base shall be compacted a determined to within the specified level.

The excess material shall be removed from site, and dump at the allocated place as authorized by the Local Council by the Contractor.

The falls and levels after completion of the work shall comply with the following standards for each area.

4.2. Area 2 400 square meter: Paving blocks to be level and slope 20 mm from centre of road to kerb"s. The road section will be 80mm above existing ground level.

4.3. Compacted the whole area with a mechanical compact roller to the satisfaction of the Project manager.

4.4. The falls and levels after compaction must comply with the standards set out in the following table.



4.5 Foundation layers

- 4.5.1 Deviation of top sub base layer from designated level + - 10mm
- 4.5.2. Smoothness of top sub base layer measured on a 3m straight line in any direction +- 10mm
- 4.5.3. Thickness of 20mm compacted sand bedding layer +- 10mm
- 4.5.4 .Spread an evenly 20mm sand bedding layer over Sub base.
- 4.5.5. Provide Kerb blocks to all sides.

5. Blocks are to be laid in accordance with the Interlock Paving Block manual as supplied by The Concrete Masonry Association.

5.1 Cutting of block is to be done either by means of a mechanical brick saw or sharpened bolster. Care must be maintained to ensure that cut bricks/blocks remain true to line and level.

5.2 Blocks are to be lightly compacted before jointing sand is applied.

5.3 Excess jointing sand shall be swept away and removed.

5.4 Any area showing signs of "sagging" or "kicking" will be re-laid.

5.5 The paving to have a maximum deviation from a 3 m straight edge placed on the block Surface of 15mm, except where vertical curves necessitate a greater deviation. On kerb lines and edge restraints, this deviation is not to exceed 10 mm.

5.6 The finished paving shall be so laid as to create a regular and smooth appearance, with due consideration for the efficient evacuation of storm water. Puddling deeper than 5 mm should not remain longer than minutes after rain has ceased.

5.7 Paving blocks used are to be free of any defects, cracks or breakages. All block with defects, cracks or breakages shall be replaced. A chip is defined as an imperfection of the visible surface of the paving block to a depth greater than 8mm that can be cover by a 25mm diameter disk. A maximum of 2.5% by number of chipped bricks or blocks shall be accepted

5.8 The successful contractor will be responsible to remove all rubble and excess material from site. Site to be left clean and tidy.

6. Speed humps

To be formed every 200m and to be so that a vehicle to stop to cross and must be the whole with of road..



7. Road signs.

Supply road sing boards (Speed 40km & hump signs) to be planted at every speed hump. Boards to be bolted to 50 mm steel pipe with 2 M10 galvanized bolts and nuts. Posts to be on 3m steel post and planted 600 mm deep Holes 0.44 X 0.400 X 0.600 mm deep and concrete mix of 1:3:5 mix

8. Paint:

Paint of speed humps white and yellow chevron stripes,

9. Retaining wall

Retaining wall 4m x 100mm x 300mm deep. These must be caste to sides of tracks (2x4 tracks) ea. . Concrete mix to be 4:2:1 and must reach 27Mpa at 27 days

SAFETY

Always adhere to Act 85 of 1993 rules and regulations.

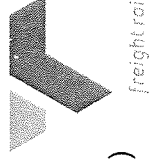
Adhere to Safety Regulations of the Local Dept.

Wear appropriate clothing provided by Spoornet.

Work according to E7 document.

The contractor and his staff will attend a Safety Induction Program presented by Spoornet before the start of the works

“PREVIEW COPY ONLY”



TRANSNET LIMITED
(REGISTRATION NO. 1990/000900/30)
TRADING AS TRANSNET

TENDERS ARE INVITED TO REPAIR ROAD AND LAY INTERLOCK PAVING BLOCKS TO ROAD AT
ALEX BEACONSFIELD AREA. 08DB008K

Part C SCHEDULE OF RATES AND QUANTITIES

This part **must** be completed in **black-ink** by the contractor and submitted with the Tender Form E4.

The Schedule of Rates hereunder for material and labor for the tender is to be priced, extended and totaled and carried to the tender form.

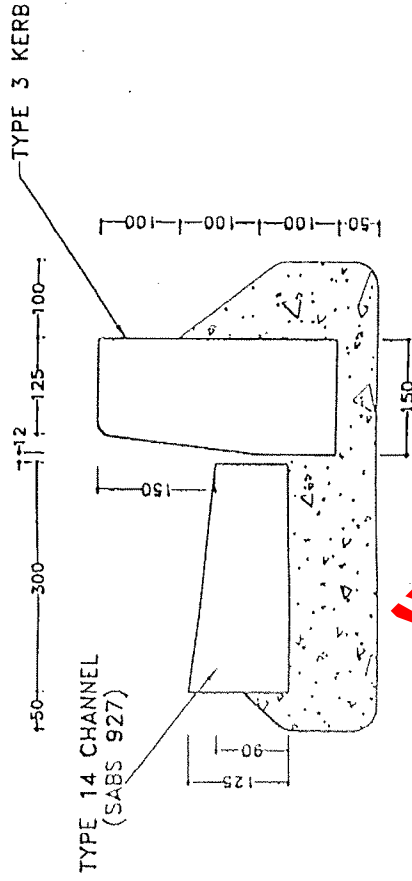
The cost to the Contract Sum shall be adjusted using the rate given hereunder. Variations to items for which no rates are given shall be priced using the given rates (day rates and % material) as a basis and as agreed

The contenders are required to insert rates for the following items, extend and total:-

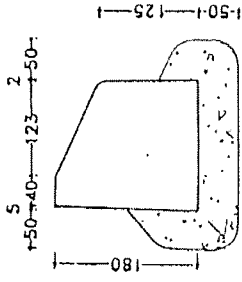
Value Added Tax (VAT) is excluded (price without VAT). However, once priced this must be calculate to give a net total. The net calculate the 14% VAT and add this to give a grand total (inclusive of VAT). The net total (Exclusive of VAT) shall be transferred to the Tender Form E4.

Cost of material for the variation orders:

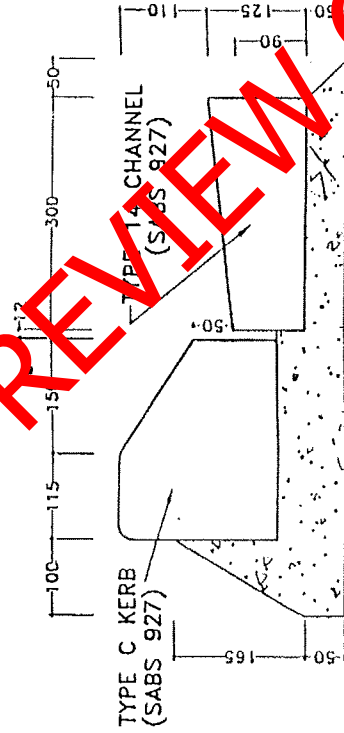
All work shall be recorded in the daybook (diary) stating all plant, labor and material used on each task. The contractor shall indicate in the block below what percentage of the handling cost of all material used such as transport, storage, profit and overheads (inclusive of VAT). This cost shall be as per invoice provided after the contractor's discount has been deducted. The price must be fair and reasonable and Spoorntet shall reserve the right to adjust the price of the material if it is not aligned to that which is available in the open market. Furthermore, the labor time must be within the norm and Spoorntet reserves this right to change this if deemed to be excessive.



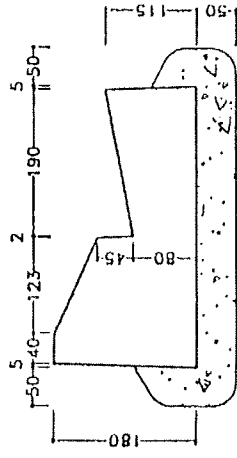
KERB AND CHANNEL



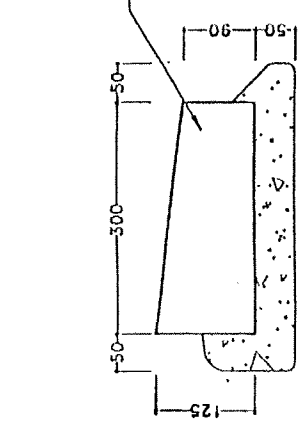
MOUNTABLE KERB
PAROW TYPE



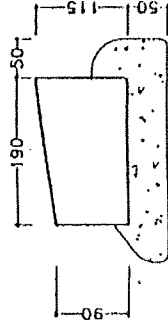
MOUNTABLE KERB AND CHANNEL
PAROW TYPE



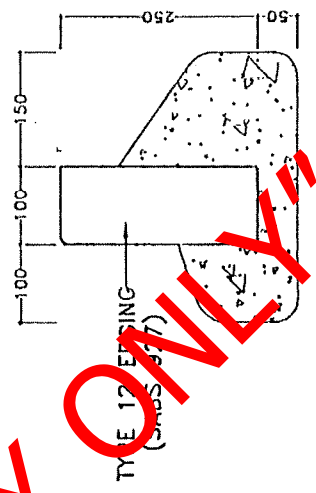
MOUNTABLE KERB AND CHANNEL
PAROW TYPE



CHANNEL SECTION ONLY



CHANNEL SECTION ONLY
PAROW TYPE



EDGING

NOTE :
ALL UNITS TO BE LAID WITH GRADE 15
CONC. BEDDING/BACKING ON COMPACTED
SUBGRADE/SUBBASE/BASE