

ANNEXURE A

ASSET DESCRIPTION: Sand Dry Store

ASSET LOCATION: Shunting Yard

CITY / TOWN: Beaufort West

WORK DESCRIPTION:

Repairs to Building and Provide Concrete Crossing Blocks and Slabs between Tracks

TENDER NO: BLE/51965

ASSET NO: 02BG124C

ITEM NO. SPECIFICATIONS PER ITEM.

WALLS INTERIOR

- 53 Work description: Repair crack in wall 3 to 5 mm wide.
Clean crack with sharp object and fill with 2 or 3 layers of Poly cell mend all or similar filler and finish smooth and level with wall.
- 54 Work description: Repair cracks wall 6 to 10 mm wide
Cut away loose plaster with utility knife. Turn knife to make opening wider and more clean-lined. Remove debris while preserving structural integrity of surface around it. Clean away loose plaster and dust, fill with foam filler, cut foam back level with facebricks.
- 100 Work description: Drill holes in wall and insert 6mm steel dowels.
Drill Ø 6mm diameter and 70mm deep, holes in brick wall. Insert 250mm long, Ø 6mm diameter round bar in holes to anchor new wall to existing wall. Provide anchor at every second layer. To anchor new doorframes build into new opening in existing wall. Insert first anchor 150mm from floor and then at +- every SECOND LAYER both sides of opening.

DISMANTEL OF SAND DRYING OVENS

- 91 Work description: Dismantle Sand Drying Ovens:
All demolishing work shall comply with SANS 0400-1990. Remove of sand drying ovens must be cut by flame or grinder. All work must be done carefully not to damaged property of transnet. The dismantle and remove of Sand Drying Ovens from site shall be done without affecting the safety, health and convenience of the people working in the building or the public. No work shall at any time during the course of or after the dismantle of ovens be left in a condition dangerous to the people using the building, public or any adjoining property. Remove all rubble from site to approved dumping site or Scrap Yard.

ROOF

- 582 Work description: Fit new galvanized sheet flashings
Flashing of a thickness which is adequate for structural purposes and that provide an aesthetically acceptable finish, shall be so installed that they cover and make watertight the junctions between roofs and walls. All flashing shall be installed with an end lap of at least 150 mm. Flashing laid at right angles to box-ribbed profiled sheeting shall be fixed to each alternate flute or at centres that are not more than 600 mm apart, whichever the lesser. Flashing running parallel to the flutes shall be fixed at centres not more than 600 mm apart. Head wall and sidewall flashing shall be fixed with an up stand leg of length at least 75 mm. Counter flashing shall be properly cut with a return lip into masonry be securely caulked have a vertical overlap of at least 75 mm
- 585 Work description: New IBR ridging to roof.
Provide new ridging and fixed with screws.

Respondent's signature: _____ **Date:** ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

596 Work description: Fit new 0.80mm thick Coltun Steel Chromodek Sheeting roof sheeting to wood structure
Supply and fit IBR profile sheets 0.8mm thick. The roof sheeting shall be laid in long lengths, narrow flutes outermost, with single flute side laps. The sheeting shall be laid with side-laps on the leeward side of the prevailing wind direction. An approved side-lap sealant shall be incorporated on roofing with a pitch of less than 15 degrees. All fixing holes shall be drilled and not punched. Roof sheets shall be fixed by means of Roof screws 75mm with rubber seale to wood purlin. Side-lap stitching shall be effected at no more than 600mm centres with Roof screws 70mm. Sheets shall be secured to purlin for 0.8mm thick sheets, a broad guideline for Purlin Spacing is not more than 2.30m centre for single span and not more than 2.65m for double span, cantilever not more than 0.60m but must meet manufacturer specification. Side laps shall be secured with fasteners spaced equally between purlin and at centres not exceeding 750mm. 15mm of the broad flute of all roof sheets shall be turned up through 45 deg. at the apex to form a dam and turned down through 10 deg. at the eaves to form a drip. Contractor to measure the required length before order the IBR roof sheets.

Every precaution shall be taken to prevent damage to roof sheets during all stages of construction. Duck boards should be used when necessary to protect the sheeting from damage. Sheeting which has become deformed or damaged in any way, shall be replaced.

The contractor shall exercise special care when handling long length sheeting, particularly in windy conditions. Should work be interrupted for any reason, all loose sheeting and incomplete sections must be adequately secured against possible movement by wind and gravity.

The contractor shall ensure that all materials used on site for cladding, etc are transported, handled and stored in accordance with the manufacturer's recommendations. Material damaged shall be rejected and replaced with undamaged material at the contractor's expense. Repair of damaged material will not generally be permitted. Rates are to include for preventing damage and protecting sheets through all stages of construction.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

623 Work description: Remove asbestos roof sheets from roof:
Staff to be fully kitted with PPE as specified in attached Government gazette and attached asbestos regulations of the department of labour at all times.
Special precaution as per asbestos regulation shall be taken to safe guard workers from falling through roof sheet and to prevent breaking sheets when walking on roof any sheets that is broken by contractor shall be replace by contractor on his cost.
Area does not include roof sheet profile
Remove asbestos big six roof sheets in terms of the attached Government gazette and asbestos regulations from the Department of labour.
Item include the spray of the top and bottom of the sheets before removing the roof sheets, Item also include spraying the overlap sections with TSW after the sheets had been removed before packing the sheets in container for disposal. All work to be done in accordance with the attached TSW specification.
All necessary scaffolding and use of ladders to remove sheets is included in the item and scaffolding and ladders will be erect, used and dismantle in accordance with the approved fall arrest and safety plan.
Before the removing of the asbestos sheets the contractor shall have the container of the registered asbestos removal company on site.

The following procedures shall be followed to prevent the release of asbestos dust into the enviroment.

- 1: Have container to pack the roof sheets in on site.
- 2: Have safety talk with staff about dangers of asbestos
- 3: Set up 10.0m wide exultation zone around building.
- 4: Issue all staff with all necessary PPE clothing and equipment.
- 5: Set up ladders and scaffolding as necessary and inspect by competed person before it is used by staff.
- 6: Spray both sides of sheets with TSW or similar approved product.
- 7: Remove sheets in control manner with care and with out cutting or breaking sheets.
- 8: lay on ground and spray section that was cover by overlap of sheets with TSW or similar approved product.
- 9: Pack sheets in to container to be sent to approved disposal site.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

624 Work description: Dispose of asbestos sheet and waste.

Staff to be fully kitted with PPE as specified in attached Government gazette and attached asbestos regulations of the department of labour at all times.

Area does not include roof sheet profile

Pack all asbestos sheets in container as it is removed from roof, container shall be kept lock to prevent the removing of the sheets by un-authorized persons. Seal container and send to approved asbestos waste site in terms of the Environmental management Act. (Act No. 107 of 1998) and the Environmental Conservation Act (Act No 73. Of 1989) All work to be done in accordance with the attached specification and attached asbestos regulation.

Item include all cost to pack, load, transport, off load and the dumping cost.

Handling Of Asbestos Containing Material

The handling and removal of asbestos-containing materials and articles, such as asbestos cement sheets, present particular health problems as they often involve dismantling or breaking large quantities of friable materials. Such work, if any, shall be performed in accordance with the provisions of the OHS Act Asbestos Regulations, 2002 (in particular, but not limited to, Section 13 and 15) and any other international, national and local legislation, regulations as deemed applicable.

The Principal Contractor shall ensure that workers are thoroughly instructed about the precautions that need to be taken to protect health, ensure continued compliance with the OHS Act, take steps to eliminate or minimize the risks and provide adequate and correct PPE equipment.

The Principal Contractor shall ensure that asbestos cement sheets are kept intact as far as is practicable. Whole asbestos sheets shall be Sprayed with TSW prior removal and transportation. All small fragments/asbestos chips shall be wetted prior to collection, be placed into heavy duty bags and be sealed and labelled as asbestos waste.

If the roof is fitted with gutters all run off water shall be passed through a fine sieve at each down pipe outlet. The filtered run off water may be channelled into the drainage system. The residue collected in the sieves shall be placed whilst still moist into heavy duty bags (at least 150 micron (1,5mm) thickness and be sealed and labelled as asbestos waste.

All asbestos Waste (in sheet form, chips or residue) shall be disposed of at a licensed disposal and the Principal Contractor shall obtain the necessary asbestos waste permit to dispose of such waste. The Contractor shall be required to contact hand over to Transnet freight rail project manager the original certificate for the total quantity of asbestos received by the registered dumping site, before any payment on the contract will be approved.

639 Work description: Paint expose roof timber purlins at Existing building and Veranda. Item include cleaning by washing off all dirt. Remove all loose, chalky, flaking, peeling paint from wood, sand and wipe off sanding dust with damp cloth and leave to dry before applying paint.

640 Work description: Paint exposed roof timber sprockets at Existing building and Veranda. Item include cleaning by washing off all dirt. Remove all loose, chalky, flaking, peeling paint from wood, sand and wipe off sanding dust with damp cloth and leave to dry before applying paint.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 910 Work description: Provide and Erect Veranda at Sand Dry Building:
Installation of Veranda as per plan attached to documents.
- 1) Ø75mm with 2mm wall thickness x 4,0m with L shape bracket 75mm x 100mm on top of galvanised pipe.
 - 2) SA Pine Beam 115mm x 50mm
 - 3) SA Pine Rafters 115mm x 50mm
 - 4) SA Pine Purlins 75mm x 50mm
 - 5) IBR Profile 0.8mm Clotan Roof sheets
 - 6) Galv. Truss Hangers 50mm x 75mm x 100mm

FACIA/BARGE BOARDS

- 653 Work description: Fit Chromodek barge board
Fit new chromodek barge boards. Where necessary cut roof sheeting to be level with purlin ends. The verges of roof to be finished with 225 x 10mm thick plain GI barge boards with bottom ends projecting 100mm beyond fascia board or in line with outer edge of gutter stop end. The edge of barge boards at bottom end shall be cut vertical level. The barge boards shall be securely fixed to projecting purlin ends with galvanized barge board brackets. Full length boards shall be used if necessary to joint in section of barge board the section shall not be shorter than 500mm.

WALLS EXTERIOR

- 690 Work description: Brick up opening in wall 220 to 280mm Face Brick wall.
Supply approved, as specified, face bricks. Face Bricks shall comply with SANS 227. The mortar for wall shall be 1 part PPC cement and 6 parts clean approved building sand. All masonry shall be plumb, level, straight and true, correctly bonded.
- Openings:
- 1) 1/0,72m x 2,00m = 1,44 M²
 - 2) 3/0,50m x 0,61m = 0,92 M²
 - 3) 3/0,94m x 0,62m = 1,75 M²
 - 4) 6/0,56m x 4,90m = 16,46 M²
 - 5) 2/0,61m x 0,59m = 0,72 M²
- 702 Work description: Do beam filling under IBR roof:
Beam filling shall be face bricks and brick shall be straight and neatly cut.

DOOR GARAGE/STEEL

- 816 Work description: Steel combination door and frame build in;
Supply steel combination door and frame, manufactured from at least 1,2mm thick steel. Doorframe shall be fitted with at least three lugs on either side of the frame, which are to be built into the wall. The doorframe shall be build-in level, plumb and straight. The space between wall and frame shall be filled with mortar to top of frame. The space between door and frame shall be 3mm at top and sides and between door and floor 6mm. Door shall open and close with out any hinge bound after door was build in.
- 818 Work description: Steel combination door and frame paint 2 coats
Wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective paint. Sand complete door and wipe off all sanding dust with a damp cloth, allow to dry. Spot prime bare metal areas with steel anti rust primer. Apply one coat universal undercoat and one coat gloss enamel paint.

EXCAVATIONS/BACKFILL

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 835 Work description: Dig trench: At Veranda =0,3m³ ;Ramp = 0,50m³ ;Between tracks = 14m³
 Definitions:
 Earth shall mean ground that can be removed by hand tools pick and spade and shall include loose gravel, clay ground, loose or soft shale, loose oukclip and any loose boulders less than 75 mm in diameter.
 Soft rock shall mean rock that can be loosened by hand, pick or crowbar and includes hard shale, compact oukclip, stone of a similar hardness and boulders from 75 mm diameter up to 0,03 cubic metres in volume. Hard rock shall mean granite, quartzite sandstone, slate and rock of similar or greater hardness and boulders from over 0,03 cubic metres in volume.
 Excavations for drainage trenches shall be of depths and gradients shown on drawings or as directed. Trenches shall be excavated to straight lines and shall be of sufficient width to allow adequate working space. Sight rails, boning rods, etc. shall be employed in excavating the trenches to ensure even gradients. Any soft or loose areas in the trenches shall be filled in with well rammed earth, or other approved filling.
 Every excavation which is accessible to the public or which is adjacent to public roads or thoroughfares, or whereby the safety of persons may be endangered, to be- STAATSKOERANT, 18 JULIE 2003 No. 25207 35 (j) adequately protected by a barrier or fence of at least one metre in height and as close to the excavation as is practicable; and (ii) . provided with warning sign or any other clearly visible boundary indicators at night or when visibility is poor; 0) ensure that all precautionary measures as stipulated for confined spaces as determined in the General Safety Regulations promulgated by Government Notice No.R.1031 of 30 May 1986, as amended, are complied with when entering any excavation; (k) ensure that, where the excavation work involves the use of explosives, a method statement is developed in accordance with the applicable explosives legislation, by an appointed person who is competent in the use of explosives for excavation work and that the procedures therein are followed; and (l) cause warning signs to be positioned next to an excavation within which persons are working or carrying out inspections or tests.
- 842 Work description: Dig out in Sutu soil and fill with decompose dolerite
 Imported decompose dolerite shall be free of weeds, litter and contaminants. Filling shall be done and compact to he satisfaction of the Project manager.

MASS CONCRETE/SIDE SHATTERING

- 843 Work description:
 Erect and move side shattering at excavations of Concrete Path and Ramp;
 22mm Shuttering boards to be use for fabricate side shattering both sides of concrete path and at ramp. Care must be taken that side shattering must be plum and square and in line of the direction of concrete path and square at ramp before concrete is placed. Reinforcing shall be rust free. Reinforce with Welded Mesh wire 50mm x 50mm blocks x Ø 2mm at concrete paths and at ramp. Welded Mesh shall be bent cold in an effective bending machine. The laps shall be securely tied with 1,25 mm diameter annealed mild steel binding wire.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 844 Work description: Hand mix concrete, 20MPA.(1)Varenda = 0,3m³ (2) Ramp = 0,5m³ (3) Path between tracks =28m³
- CURING OF CONCRETE:** After the concrete has been placed, all exposed surfaces shall be continuously kept damp for at least 10 days by methods as may be approved by the Representative/Agent. These include, covering with approved building paper, by means of wet canvas, wet sacks, wet sand, by continuous hosing or ponding with water. Where the term "plain concrete" appears in SANS Specification 1200G it shall be read as "mass concrete"
- CEMENT:**
Cement shall be Portland cement complying with the requirements of SANS Specification 471 or PC15 complying with SANS Specification 831. Bags of cement shall be stacked in a waterproof, solidly constructed shed with a central door and a floor rendered damp-proof with a tarpaulin. The bags of cement shall be closely stacked (but not against walls) in order to reduce air circulation, in such a manner, that the cement is used in the order in which it was received, i.e. first in first out.
- SAND (FINE AGGREGATE):**
The fine aggregate shall comply with the requirements of SANS Specification 1083. Other aggregates may be approved if they have a satisfactory history and/or test results. No aggregate may be used until it has been approved.
- STONE (COARSE AGGREGATE):**
The coarse aggregate shall comply with the requirements of SANS Specification 1083. No aggregate may be used until it has been approved.
- NB:** Certain fine grained sand and stone originating from the Beaufort Series and Karol Systems which are known by reputation, local experience or tests, to exhibit excessive shrinkage when used in concrete, may be deemed unacceptable by the Representative/Agent.
- CONCRETE:**
Concrete shall be of the classes given in the following table. The proportions of the ingredients and the nominal size of the coarse aggregate for each class shall be as laid down therein, unless otherwise specified. Class B concrete shall be used for mass concrete and Class E concrete for reinforced concrete. Maximum concrete slumps acceptable for different types of construction concrete are as follows: (a) Vibrated reinforced concrete = 50 mm (b) Un vibrated reinforced concrete = 75 mm (c) Mass concrete = 75 mm. When so required by the Representative/Agent, and whilst concreting is in progress, the consistency of the mixture shall be ascertained by means of the slump test as later described herein.

Respondent's signature: _____ Date: ____/____/____

ANNEXURE B
TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: Sand Dry Store

CITY / TOWN: Beaufort West

TENDER NO: BLE/51965

ASSET NO: 02BG124C

WORK DESCRIPTION Repairs to Building and Provide Concrete Crossing Blocks and Slabs between Tracks

TENDER PRICE LIST TO INTERIOR AND EXTERIOR WORK TO BUILDINGS

Measurements and or quantities do not include off cuts or waste all measurements of material is measure as nett fixed. Contractor to add his own % for off cuts and waste.

The contractor is responsible to check all the measurements and quantities before ordering any material. The measurement and quantities are only a guide for tender purposes.

Value Added Tax (VAT) shall be excluded in the schedule of rates and prices.

To be supplied by the Contractor: The Contractor shall provide all labour, material, transport, consumable stores, plant, equipment, tools, services, materials and ingredients of every description required for the carrying out and completion of the WORK as per the attached work list and specification and as may be ordered by the Project Manager.

GENERAL: The Building will be occupied during renovations, The Project manager, contractor and manager of the TFR staff using the building will discuss and agree on site the maintenance plan for the building. The necessary move of furniture in the same room if necessary is included in all the items. All normal cleaning, preparations include sanding, stopping and washing of items to be painted as specified by the paint manufacturer is included in all the paint items. Where abnormal cleaning is required it will be specified as an additional item. All scaffolding and use of ladders up to 4.50m high interior and exterior if and as necessary is part of all the items. All work shall be done according to the attached specifications and shall comply with the National building regulations. Unless otherwise specified all materials must comply with SANS specifications.

Where no applicable SANS Specification exists the materials must be approved by the Transnet Freight Rail project manager.

All material shall be fitted, install or applied as specified by the manufacture. The contractor shall be liable for any damages caused by his or her staff to any Transnet Freight Rail property or equipment.

SAFETY: The contractor shall comply with the Occupational Health Safety Act, 1993 (Act 85 of 1993).

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TENDER NO: BLE/51965

ASSET NO: 02BG124C

| ITEM NO | FAULT DISCRPTION | ITEM TOTAL | MEASURE UNIT | UNIT RATE | ITEM AMOUNT |
|-----------------------|---|------------|--------------|-----------|-------------|
| WALLS INTERIOR | | | | | |
| 53 | Repair crack in wall 3 to 5 mm wide, open up crack with sharp object, fill crack with poly cell or similar filler and sand smooth (hairline cracks and cracks up to 4mm is included in the preparations for paint of wall item) | 8 | M | | |
| 54 | Repair crack wider than 6mm up to 10mm, crack shall be opened clean out and fill with foam filler and then with poly cell mendall or similar type filler and sanded to an uniform and smooth finish | 8 | M | | |

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/51965

ASSET NO: 02BG124C

| ITEM NO | FAULT DISCRPTION | ITEM TOTAL | MEASURE UNIT | UNIT RATE | ITEM AMOUNT |
|---------------------------------------|---|------------|--------------|-----------|-------------|
| 100 | Drill holes in wall and insert 4/6mm x 250mm steel dowels to join new wall to existing walls, insert steel dowels, every 2 layers of bricks | 108 | EA | | |
| DISMANTEL OF SAND DRYING OVENS | | | | | |
| 91 | Dismantle and remove sand Drying Ovens in Sand Dry Building. See Specifications. | 2 | EA | | |
| ROOF | | | | | |
| 582 | Fit flashings metal type as specified 3,0m long | 3 | M | | |
| 585 | Fit new IBR profile ridging Chromodeck sheets to roof. | 6 | M | | |
| 596 | Fit 0.8mm thick IBR profile roof sheet to wood structure up to 4.0m high fitting as per attached specification and as per manufacture specification. (0.8mm Coltun Steel Chromodek Sheeting) work done as per approved by safety plan | 54 | M^2 | | |
| 623 | Remove asbestos roof sheets from roof in terms of the attached spec and asbestos regulations. Before removing sheets spray both sides with TSW. Scaffolding and ladders to remove sheets is included in item. Item exclude removal of the roof construction. | 27 | M^2 | | |
| 624 | Dispose of asbestos sheets. Pack all asbestos sheets in lockable container. Send asbestos sheets to approved asbestos waste site in terms of the Environmental management Act.(Act No.107 of 1998) and the Environmental Conservation Act(Act No 73. of 1989) | 1 | JOB | | |
| 639 | Paint exposed roof timber purlin at Existing building and new Veranda, paint 1 coat pink wood primer, 1 coat universal undercoat and 2 coats white Dulux roof guard paint. apply paint only after preparation as per attached specification | 2 | M^2 | | |
| 640 | Paint exposed roof timber sprockets, 1 coat universal undercoat and 2 coats white Dulux wall guard or Dulux roof guard. bare wood areas shall be spot primed with wood primer. apply paint only after preparation as per attached specification. | 4 | M^2 | | |
| 910 | Provide and erect new veranda at Sand Dry building at Beaufort West Shunting Yard. Item include scaffolding | 1 | JOB | | |
| FACIA/BARGE BOARDS | | | | | |
| 653 | Fit barge board, 0.8mm Chromodek barge board. Do all work as per attached detailed specification | 19 | M | | |
| WALLS EXTERIOR | | | | | |
| 690 | Brick up openings in 220mm to 280mm thick brick face brick wall use approved face bricks. (sample brick to be supplied for approval before bricks are order) | 22 | M^2 | | |
| 702 | Do beam filling under IBR roof covering with FACE BRICKS. | 10 | M | | |
| DOOR GARAGE/STEEL | | | | | |
| 816 | Build in double steel door complete with steel frame in new wall | 1 | EA | | |
| 818 | Do preparations as specified and paint double combination steel door with frame complete universal undercoat and 1 coat gloss enamel (see attached paint specification) project manager to specify colour) | 8 | M^2 | | |
| EXCAVATIONS/BACKFILL | | | | | |

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/51965

ASSET NO: 02BG124C

| ITEM NO | FAULT DISCRPTION | ITEM TOTAL | MEASURE UNIT | UNIT RATE | ITEM AMOUNT |
|--------------------------------------|---|------------|--------------|-----------|-------------|
| 835 | Dig foundations or trench in medium soil (use pick and space) For veranda; 2/0.45m x 0.45m x 0.50m= 0,3m³ For Concrete Ramp; 1/8m x 0,20m x 0,30m = 0,50m³ For Concrete Path between tracks;1/232m x 0,30m x 0,20m = 14m³ | 15 | M³ | | |
| 842 | Dig out in situ unstable soil and remove from site, and ready to plase concrete for path. | 2 | M³ | | |
| MASS CONCRETE/SIDE SHATTERING | | | | | |
| 843 | Place in position Oiled base Shuttering to place concrete at Concrete paths between tracks. Distance will differ but the height will stay 120mm above ground level. | 300 | M | | |
| 844 | Hand mix concrete on site where a small quantity is required. concrete shall be mixed on mixing board or hard surface. cast concrete in foundations and compact. concrete shall be at least 20mpa. All work and material to comply with attached specification.The corners shall be neatly rounded with a nosing tool while the concrete is still green where necessary to match existing concrete finish: After the concrete has been placed, all exposed surfaces shall be kept continuously damp for at least 7 days covering with plastic sheeting. (1) Veranda = 0,3m³ (2) Ramp = 2,0m³ (3) Concrete Path between tracks = 28,0m³ | 30 | M³ | | |

"PREVIEW COPY ONLY"

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/51965

ASSET NO: 02BG124C

| ITEM NO | FAULT DISCRPTION | ITEM TOTAL | MEASURE UNIT | UNIT RATE | ITEM AMOUNT |
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TOTAL PAGE 1 TO PAGE 4 R

PRELIMINARY AND GENERAL

P and G shall include all cost not directly relate to a specific item on the schedule of prices and rates. All items not specifically mentioned in the Schedule of Rates and prices and form part of contractor's requirements such as cost of stationery, as well as establishment of workers on site and removal of site establishment, it will also include the handing over of the site to the contractor and the handing back of the site after completion of work .

P + G

R

RISK AND SAFETY

Cost for the risk and saftey must include the risk assessment. The risk assesment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and Implemented.

RISK AND SAFETY R

Cost for risk and safety include complete compliance with the current Occupational Health Safety Act.

Included in risk and safety. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors shall send all his staff that will work on the Transnet Freight Rail site to the induction on the date as agreed on between TFR Project manager and the contractor.

TOTAL PRICE CIVIL WORK EXLUDE VAT R

The total price for Civil work, excluding VAT, must be carried over as one total amount to the Service Fees and Cost Form, Section 6 of the RFQ. The amount must also be written in words on the Service Fees and Cost Form.

Respondent's signature: _____ Date: ____/____/____



ANNEXURE C

RFQ NUMBER BLE/51965

**REPAIRS TO SAND DRY BUILDING AT BEAUFORT WEST SHUNTING YARD
(ASSET NO: 02BG124C)**

FOR A PERIOD OF 30 DAYS

SPECIAL CONDITIONS

SCOPE OF WORK

General Repairs to Sand-Dry Building (Asset No. 02BG124C), Construction of Concrete Block Pathway over tracks and Concrete slab next to tracks at Beaufort West Shunting Yard.

1. TIME TO COMPLETE THE WORK

The tenderer shall indicate at Section 6, the time he will require to complete the works, however this time should not exceed **30 days**. This period shall be exclusive 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 the sum of **R100-00** for every day or part thereof during which the works remain incomplete.

2. GUARANTEE

Transnet Freight Rail requires a workmanship guarantee for a period of **12 months**, from the date of completion of work.

3. INSPECTION OF WORKS

3.1 During the progress of the contract, all materials used and all work being undertaken by the Contractor shall be subjected to periodic inspections.



- 3.2 Should at any stage in the progress of the said works, an inspection visit or test reveal any defects due to improper materials or workmanship or any other fault or neglect on the part of the Contractor, such defective materials or workmanship shall immediately be replaced or remedied by the Contractor at his own expense and to the entire satisfaction of the authorized representative.
- 3.3 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 before permanent work is place thereon.
- 3.4 The Contractor shall give due notice to the Project Manager whenever such work is ready or about to be ready for examination. The Project Manager shall without unreasonable delay, examine and or measure such work as required.
- 3.5 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 and are found to be executed in accordance with the Contract, the expenses of uncovering, making openings in or through for the reinstating and making good shall be borne by the Contractor.

4. SITE RECORDS

4.1 Site Instruction Book

The Contractor shall provide a **site instruction book, in triplicate for the Project Manager to place all instructions** that are needed to compliment the specifications and drawings and any other instruction that may affect the cost of the work.

No work will be recognized for additional payment unless it has been recorded and signed by the Project Manager in the aforesaid book.

4.2 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 & numbers of workers on the site, material that has been delivered, material that has been loaded and disposed of, incidences that have occurred, nature of work to be done on that day, etc.

4.3 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 to the requirements of the operation of Transnet Freight Rail 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 can be in a form of a pert (bar) chart and will be used as a guide to measure progress of the work.

4.4 **Handing over of site**

No work will commence before the site has been officially handed over by the Project Manager by means of a written site hand over document and instruction in the Site Instruction Book.

5. **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 Transnet Freight Rail. The Contractor must supply all connections, hoses and applicable equipment where necessary.

6. **ELECTRICITY SUPPLY**

Electricity may be made available to the Contractor. 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 10142. The Contractor must supply all leads and plugs as necessary.

7. **ACCESS TO SITE**

The areas are restricted and the contractor must ensure he complies with the regulations of Transnet Freight Rail 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 Project Manager to arrange for the necessary permits, 48 hours minimum notice is necessary for processing these permits. This includes changes to staff during the contract period. The contractor shall also provide each of his workers with a laminated identification card. On the front of the card must be the contract business name and a photo of the employee. On the back of the card the following local emergency numbers shall be printed Ambulance service, Fire department and Police. The employee shall not be allowed on site if he does not have his identification card with him.

8. **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 as specified in this document) or on Transnet Freight Rail's Property may be removed (even if deemed as scrap) by the contractor.



9. CLEARING OF SITE

The Contractor shall provide for cleaning up and sorting all rubbish and debris of whatever kind, generated by this work only, 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.

10. WORKING OUTSIDE NORMAL WORKING HOURS

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. Transnet Freight Rail will not unreasonably withhold permission; however the Contractor may have to pay for Transnet Freight Rail's supervisory personnel.

11. 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.

12. RETENTION

To protect Transnet Freight Rail in case of any defective work, Transnet Freight Rail reserves the right to retain up to ten (10) percent of the value of the contract, for a period of six (6) 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.

13. SAFETY PRECAUTIONS

13.1 Safety

The Contractor shall submit a Health and Safety Plan to cover this Project before any site will be handed over for approval. This will also cover the standard risk and Safety Plan for this project.

The Contractor will however also be responsible to do a Risk Assessment and if there is any risk that is not covered under the general Risk Assessment that is included in the Health and Safety plan the Risk Assessment will be included in the Health and Safety Plan.

The Contractor must have first aid box on site. The first aid box shall be stocked with the equipment as per general safety regulation and the location of the first aid box will be indicated with appropriate signage.



The Contractor and all his employees shall attend a Safety Induction session on safety before commencement of the project. The contractor and his employees shall certify the register that they attended the Safety Induction session and only workers who have attended the session will be allowed to work on the site.

13.2 Act 85

The contractor shall comply with the Occupational Health & Safety Act, 1993 (Act 85 of 1993).

13.3 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.

14. STORAGE AND SAFE KEEPING

The Contractor will provide his own portable store facilities, the store appearance shall be subject to the approval of the Project Manager. The agreed location of the store will be indicated to the contractor by the Project Manager.

The contractor is responsible for the safe keeping of all his material and equipment on site.

15. REGULATIONS

In so far as they can be applied and where they are not inconsistent with the terms of the Project Specifications, the following **SANS Regulations** shall be regarded as being embodied in the Project Specification. These regulations must to be obtained by the contenders.

- | | |
|---------------------------------|----------------------|
| ◆ National Building Regulations | SANS 10400 – 11990 |
| ◆ General Structural | SANS 11200AH – 11982 |
| ◆ Electrical Code of Practice | SANS 10142 |
| ◆ The Construction Regulations | GN 1010 (Act 85) |



16. TO BE SUPPLIED BY THE CONTRACTOR

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

17. SITE MEETINGS

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

18. 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 this Specification, the drawings and the design.

19. 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.

20. SUB-CONTRACTOR

The Contractor shall not assign his obligations under the contract, nor sublet the contract work. Where specialized work or part thereof is required the contractor can use a subcontractor with the consent of the Transnet Freight Rail Project Manager.

21. ADDITIONAL WORK

No work will be recognized for additional payment unless it has been arranged with the Project Manager.

22. MEASURE OF WORK

Contractor to check all measurements provided on work and price list before submitting quote per project. The list provided by Transnet is only a guide, contractor to inform project manager of any discrepancies in measurements and quantities before submitting quote for Project. Contractor is also responsible to do all measuring work for material needed.



23. SUPERVISION

The Transnet Property Technical Manager will delegate a responsible person (Project manager) to take control of the supervision and management of the contract. The contractor shall only respond to these incumbents that have been appointed in writing, any instruction that is not given via the delegated managers will be null and void.

24. HIRE EQUIPMENT

If necessary to hire abnormal equipment to do any work, the payment for the hire equipment shall be market related priced. The approval of the Transnet Project manager is required before such equipment is hired.

25. OCCUPYING OF BUILDINGS

When the buildings are occupied during renovations by Transnet Freight Rail staff, the Project Manager, Contractor and the Manager of the Transnet staff using the building will discuss and agree, on site, the maintenance plan for the building and on how to accommodate the staff during the project.

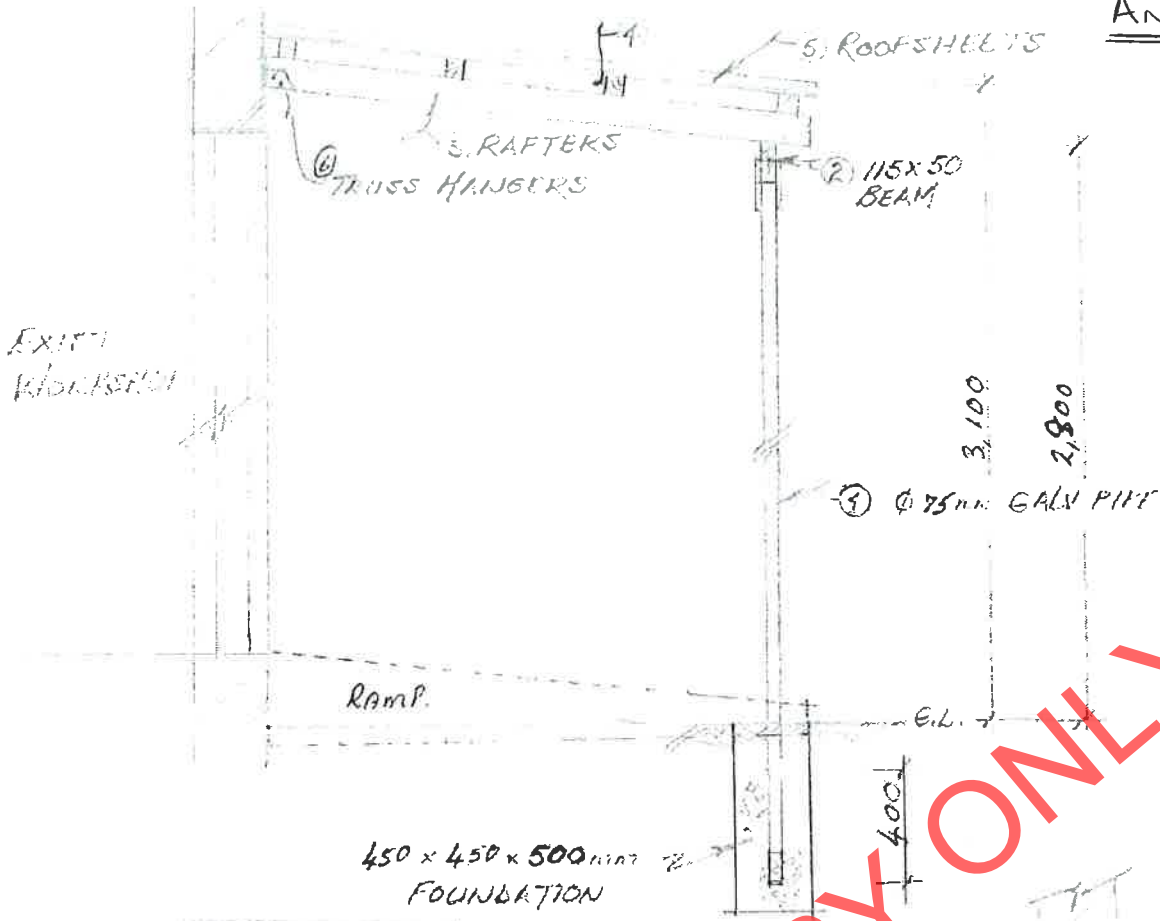
26. PRODUCTS & TRADE NAMES

26.1 Where trade names and catalogue references have been used in these Specifications to specify a product, Tenderers must tender on that particular or similar product. In addition, Tenderers must tender on the design specified. The accepted tenderer (i.e. Contractor) may, after obtaining written authority from the Project Manager, use an alternative product or design.

26.2 Where such written authority is given by the Project Manager at the request of the Contractor, for the contractor's convenience, all additional costs involved will be done for the Contractor's account. In the event of a less expensive product or design being used, a variation order reflecting the saving in cost will be issued.

27. PRELIMINARY AND GENERAL (P & G)

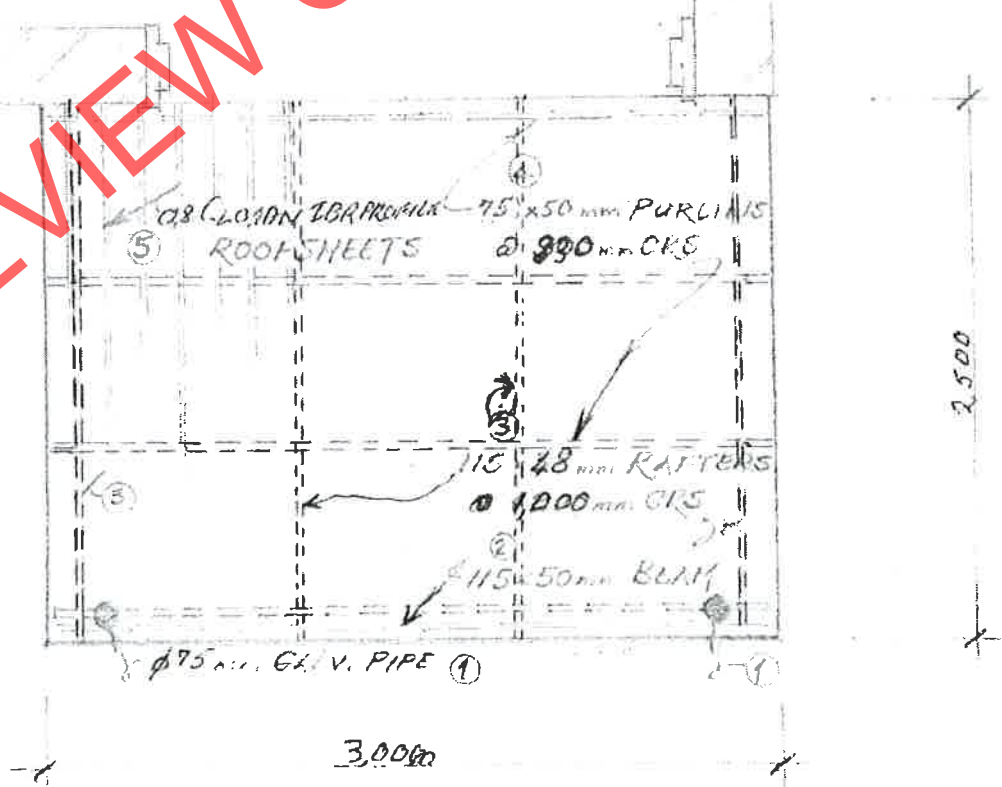
The P & G shall be as per General & Special Conditions and will include all costs not directly related to the execution of the work as stated. All items not specifically mentioned in the Annexure B must form part of P & G's



SECTION

EXISTING WORKSHOP

“PREVIEW COPY ONLY”



PLAN

