

ANNEXURE A

ASSET DESCRIPTION: goodshed

ASSET LOCATION: Brackenfel station area

CITY / TOWN: Brackenfel

WORK DESCRIPTION: Remove Asbestos roofsheets and replace with lbr roofsheets.

TENDER NO: BLE51855

ASSET NO: 02ABK01C

ITEM NO. SPECIFICATIONS PER ITEM.

ROOF

- 581 Work description: Supply and fit ridging suitable for IBR roofsheets complete with closures
Carefully unscrew roofing screws. Provide new ridging and fixed with screws.

- 590 Work description: fit new Sisalation aluminum foil roof insulation material
Supply and place in position across purlins and overlap to prevent any leakages

“PREVIEW COPY ONLY”

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

ITEM NO. SPECIFICATIONS PER ITEM.

592 Work description: Fit new 0.80mm thick roof sheeting to steel 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 No.14 Top speed Hex Head screws 65mm LG for steel purlin. Side-lap stitching shall be effected at no more than 600mm centres with 25mm LG Top speed Hex Head screws. 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. Spacing are dependant on both downward loading and negative suction loading caused by wind a engineer must be consulted to calculate the load (kn/m²) for the particular thickness of sheets and purline spacing for the specific project.. Use 5.5mm x 82mm self drill posy screws with 26mm galvanized bonded rubber washer. Main fasteners shall be positioned in the crown of the second and fourth narrow flutes, i.e. two fasteners per sheet per purlin. 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.

619 Work description: Remove asbestos roof sheets form roof

Staff to be fully kitted with PPE as specified in attached Government gazette and attached asbestos regulations of the departmetn 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 gazzete 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 excludion zone around building.
- 4: Issue all staf with all necessary PPE clothing and equipment.
- 5: Set up ladders and scaffolding as necessary and inspect by compitend persone before it is used by staff.
- 6: Spray both sides of sheets with TSW or simmilar aproved 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 ovelap of sheets with TSW or simmilar aproved product.
- 9: Pack sheets in to container to be sent to aproved disposal site.

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

ITEM NO. SPECIFICATIONS PER ITEM.

620 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.

FACIA/BARGE BOARDS

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

ITEM NO. SPECIFICATIONS PER ITEM.

- 649 Work description: Fit / Replace barge board
Carefully loosen sheet iron capping where applicable or take down and remove galvanized capping where applicable. Take down barge boards and remove from site. Where necessary cut roof sheeting to be level with purline ends. The verges of roof to be finished with 225 x 10mm thick plain pressed fibre cement 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.
- 654 Work description: Paint Barge board steel / Cement fibre two coats
STEEL FASCIA BOARDS: Clean from rust and dirt by scraping or by means of steel wire brush, sand completely and wipe off all sanding dust to obtain perfectly clean surface. Spot prime all exposed metal surface with an approved metal primer and apply two coats Plascon wall and all paint of Dulux wall guard paint
CEMENT FIBRE BARGE BOARDS WITH PAINT IN GOOD CONDITION: Clean from all dust and dirt with approved detergent and rinse with clean water. Remove all defective paint, sand completely wipe off all sanding dust with a damp cloth, spot prime all nail and screw heads and apply two coats Plascon wall and all paint of Dulux wall guard paint or approved paint for cement fibre products.
CEMENT FIBRE BARGE BOARDS WITH PAINT IN BAD CONDITION: Remove all paint coatings back to bare surface. sand down to a smooth surface, spot prime nail and screw heads with universal undercoat and paint surfaces two coats Plascon wall and all or with two coats Dulux wall guard paint.
NEW CEMENT FIBRE BARGE BOARDS NEW
Clean, spot prime nail and screw heads with universal undercoat and paint surfaces two coats Plascon wall and all or with two coats Dulux wall guard paint.

GUTTERS/DOWNSPIPES

- 660 Work description: Remove gutter and down pipe complete, including brackets, Remove gutters brackets with care as not to damage wood sprockets
- 665 Work description: Fit chroma dek seamless aluminium gutters as per manufacturers specifications. Complete
- 673 Work description: Fit PVC gutters at coastal area

PAINT PIPES/STEEL/STRUCTURE

- 804 Work description: Paint steel primer, undercoat and finish coat as specified
Item include all preparatory work, as specified by paint manufacture. If primer coat are specify in work list or if necessary to spot priming the surface all rust shall be removed. If repainting wash off all dust and dirt, sand and wipe sanding dust off with damp cloth. Apply paint as specified on work list. Each coat is to have a minimum dry film thickness of 30 microns.
- 807 Work description: Remove structural steel from roof as per Project managers instruction the steel shall remain the property of Transnet limited.

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ANNEXURE A

ASSET DESCRIPTION: goodshed

ASSET LOCATION: Brackenfel station area

CITY / TOWN: Brackenfel

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TENDER NO:

ASSET NO: 02ABK01C

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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 excludion zone around building.
- 4: Issue all staf with all necessary PPE clothing and equipment.
- 5: Set up ladders and scaffolding as necessary and inspect by compitend persone before it is used by staff.
- 6: Spray both sides of sheets with TSW or simmilar aproved product.
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FACIA/BARGE BOARDS

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

TENDER NO:

ASSET NO: 02ABK01C

ITEM NO. SPECIFICATIONS PER ITEM.

- 649 Work description: Fit / Replace barge board
Carefully loosen sheet iron capping where applicable or take down and remove galvanized capping where applicable. Take down barge boards and remove from site. Where necessary cut roof sheeting to be level with purline ends. The verges of roof to be finished with 225 x 10mm thick plain pressed fibre cement 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.
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CEMENT FIBRE BARGE BOARDS WITH PAINT IN GOOD CONDITION: Clean from all dust and dirt with approved detergent and rinse with clean water. Remove all defective paint, sand completely wipe off all sanding dust with a damp cloth, spot prime all nail and screw heads and apply two coats Plascon wall and all paint of Dulux wall guard paint or approved paint for cement fibre products.
CEMENT FIBRE BARGE BOARDS WITH PAINT IN BAD CONDITION: Remove all paint coatings back to bare surface. sand down to a smooth surface, spot prime nail and screw heads with universal undercoat and paint surfaces two coats Plascon wall and all or with two coats Dulux wall guard paint.
NEW CEMENT FIBRE BARGE BOARDS NEW
Clean, spot prime nail and screw heads with universal undercoat and paint surfaces two coats Plascon wall and all or with two coats Dulux wall guard paint.

GUTTERS/DOWNSPIPES

- 660 Work description: Remove gutter and down pipe complete, including brackets, Remove gutters brackets with care as not to damage wood sprockets
- 665 Work description: Fit chroma dek seamless aluminium gutters as per manufacturers specifications. Complete
- 673 Work description: Fit PVC gutters at coastal area

PAINT PIPES/STEEL/STRUCTURE

- 804 Work description: Paint steel primer, undercoat and finish coat as specified
Item include all preparatory work, as specified by paint manufacture. If primer coat are specify in work list or if necessary to spot priming the surface all rust shall be removed. If repainting wash off all dust and dirt, sand and wipe sanding dust off with damp cloth. Apply paint as specified on work list. Each coat is to have a minimum dry film thickness of 30 microns.
- 807 Work description: Remove structural steel from roof as per Project managers instruction the steel shall remain the property of Transnet limited.

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

ANNEXURE B
TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: goodshed

CITY / TOWN: Brackenfel

TENDER NO: BLE51855

ASSET NO: 02ABK01C

WORK DESCRIPTION Remove Asbestos roofsheets and replace with lbr roofsheets.

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, preparation include sanding, stopping and wash of items to be painted as specified by the paint manufacturer is included in all the paint items. Were 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 cause by him or his 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).

Page 1 of 3	SUB TOTAL	PAGE 1	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>
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TENDER NO: BLE51855

ASSET NO: 02ABK01C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
ROOF					
581	Replace Asbestos ridging with ridging suitable for IBR roofing	22	M	<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	<div style="border: 1px solid black; width: 50px; height: 15px;"></div>
590	Supply new FR430 Sisalation Aluminuim foil roof membrane sheeting.	188	M^2	<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	<div style="border: 1px solid black; width: 50px; height: 15px;"></div>

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

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TENDER NO: BLE51855

ASSET NO: 02ABK01C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
592	Fit 0.8mm thick IBR profile roof sheet to steel structure up to 6.00m high, purline spacing, fitting as per attached specification and as per manufacture specification. (Chromodek from clotun steel) work done as per approved by safety plan	188	M^2		
619	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.	360	M^2		
620	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)	360	JOB		
FACIA/BARGE BOARDS					
649	Fit barge board, nutec-cement barge board. item includes h-profile joiners as necessary. do all work as per attached detailed specification	9	M		
654	Paint barge board steel / nutec-cement 2 coats Plascon wall and all paint or with Dulux white roof guard paint (paint only front side) apply paint only after preparation as per attaché specification had been done	9	M		
GUTTERS/DOWNPINES					
660	Remove gutters complete with brackets, down pipes and down pipe holder bats, item include the fill of down pipe holder bat holes in wall with cement	28	M		
665	Fit chroma dek 100mm X 150mm seamless aluminium gutter as per manufacturers specifications for costal area (SPECIFY SIZE AND COLOUR)	45	M		
673	Fit PVC down pipes	4	EA		
PAINT PIPES/STEEL/STRUCTURE					
804	Paint lipped channels/Purlins 1 coat universal undercoat and one coat gloss enamel where necessary spot prime bare metal areas with anti rust metal primer. (see attached paint specification)	225	M		
807	Remove structural steel from roof by means of a steel grinder or gas cutting as specified by project manager.	1	JOB		

"PREVIEW COPY ONLY"

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TENDER NO: BLE51855

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TOTAL PAGE 1 TO PAGE 3 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 and electrical 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 B
TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: goodshed

CITY / TOWN: Brackenfel

TENDER NO:

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FACIA/BARGE BOARDS					
649	Fit barge board, nutec-cement barge board. item includes h-profile joiners as necessary. do all work as per attached detailed specification	9	M		
654	Paint barge board steel / nutec-cement 2 coats Plascon wall and all paint or with Dulux white roof guard paint (paint only front side) apply paint only after preparation as per attaché specification had been done	9	M		
GUTTERS/DOWNPINES					
660	Remove gutters complete with brackets, down pipes and down pipe holder bats, item include the fill of down pipe holder bat holes in wall with cement	28	M		
665	Fit chroma dek 100mm X 150mm seamless aluminium gutter as per manufacturers specifications for costal area (SPECIFY SIZE AND COLOUR)	45	M		
673	Fit PVC down pipes	4	EA		
PAINT PIPES/STEEL/STRUCTURE					
804	Paint lipped channels/Purlins 1 coat universal undercoat and one coat gloss enamel where necessary spot prime bare metal areas with anti rust metal primer. (see attached paint specification)	225	M		
807	Remove structural steel from roof by means of a steel grinder or gas cutting as specified by project manager.	1	JOB		

"PREVIEW COPY ONLY"

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

TENDER NO:

ASSET NO: 02ABK01C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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TOTAL PAGE 1 TO PAGE 3 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 and electrical 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: ____/____/____