

Transnet Property
Tender Number: TP-2024-03-0002-61141-RFP



Description of the Works: The Provision of the Refurbishment and Upgrade of ~~Matatiele~~ Station Buildings

Transnet Property
an Operating Division **TRANSNET SOC LTD**
[Registration Number 1990/000900/30]

REQUEST FOR PROPOSAL (RFP)
ADDENDUM

**FOR THE PROVISION OF THE REFURBISHMENT AND UPGRADE OF MATATIELE
STATION BUILDINGS**

RFP NUMBER	: TP-2024-03-0002-61141-RFP
ISSUE DATE	: 26 March 2024
COMPULSORY BRIEFING	: 05 April 2024
SITE BRIEFING VENUE	: Matatiele Matatiele Station Building (30°20'19"S (Latitude) <u>28°48'39"E (Longitude)</u>
CLOSING DATE	: 19 April 2024
CLOSING TIME	: 14h00
TENDER VALIDITY PERIOD	: 12 weeks from closing date.

C2.2 *The bill of quantities*

Use this page as a summary page or as a cover page to the *bill of quantities*.

BILL OF QUANTITIES (CIVIL)

PROVISION OF REFURBISHMENT AND UPGRADE OF MATATIELE STATION BUILDINGS

ADDENDUM

The agreement applicable to this contract is the NEC3

GENERAL NOTES

The Contractor shall, in all cases, allow for disposal of materials arising from demolition and alteration works. This shall apply even if it is not expressly provided for on the description for an item.
The Contractor shall remove from site all pipes or other conduits, wires encountered in demolition. He shall plug and seal all conduits remaining and ensure that no electric cables or wires remaining are live.

1	PRELIMINARIES AND GENERAL				
	Contractual requirements:				
Item	DESCRIPTION	UNIT	QTY	PRICE	AMOUNT
1.1	Allow amount for Site Establishment (Offices, Ablutions, tools, and equipment, water supplies point, electricity and communication)	Sum	1		
1.2	Allow an amount for De-establishment	Sum	1		
1.3	Allow amount for Environmental, Health and safety compliance and related obligations.	Sum	1		
1.4	Allow an amount for the protection of existing structures, services etc. until the construction in the vicinity is complete	Months	6		
1.5	Allow amount for supervision for Duration of construction	Months	6		
1.6	Allow for temporal fencing using diamond mesh and timber posts, fencing shall remain on site	m	220		
	Section Total				

2	ALTERATIONS				
Item	DESCRIPTION	UNIT	QTY	PRICE	AMOUNT
2.1	Break out and remove floor covering from scrap	m²	300		
2.2	Take out and remove plasterboard ceiling	m²	300		
2.3	Take out and remove kitchen cupboards 3mx1,2x900mm wide	No	2		
2.4	Break out and remove half brickwall	m²	150		
2.5	Break out and remove wc incl cistern incl sundry piping	No	4		
2.6	Break out and remove whb incl sundry pipinng	No	4		
2.7	Break out and remove urinal incl flush pipe	No	1		

Description of the Works: FOR THE PROVISION OF THE REFURBISHMENT AND UPGRADE OF MATATIELE STATION BUILDINGS

2.8	Break out and remove glass from existing windows incl preparing for new	m ²	20		
2.9	Take out and remove pvc pipe all sizes	m	40		
2.10	Take out and remove copper pipe all sizes	m	40		
2.11	Service existing windows incl installing new window stays	No	12		
2.12	Break out one brick wall to form opening for a single door incl precast lintel and making good sides with palster (paint e.m)	No	4		
2.13	Break out one brick wall to form opening for a double door incl precast concrete lintel and making sides with plaster (paint e.m)	No	2		
2.14	Take out and remove single door incl frame	No	4		
2.15	Take out and remove single garage door incl frame	No	10		
2.16	Brick up opening where doors were removed and allow opening to fit new double doors	No	12		
2.17	Break out and remove half brick wall	No	15		
2.18	Make good floors where half brick wall was removed	No	5		
2.19	Form neat opening 110mm diameter in one brick by coring	No	20		
2.20	Break concrete and excavate for a 110mm pipe incl backfilling and making good concrete	m	25		
2.21	Excavate in earth to expose existing services	m ³	5		
	Section Total				

3	<u>STATION BUILDING REMEDIAL WORK</u>				
Item	DESCRIPTION	UNIT	QTY	PRICE	AMOUNT
	<u>MASONRY</u>				
3.1	One brick wall in NFP bricks incl brickforce in every third course	m ²	750		
3.2	Ditto but in closing openings	m ²	80		
3.3	Half brick walls in NFP bricks incl brickforce in every third course	m ²	110		
3.4	Ditto but in closing openings	m ²	20		
	<u>CAPENTRY AND JOINERY</u>				

Description of the Works: FOR THE PROVISION OF THE REFURBISHMENT AND UPGRADE OF MATATIELE STATION BUILDINGS

3.5	Meranti hardwood double door framed ledged braced door hung on steel frame	No	12		
3.6	Meranti hardwood single door ,framed ledged braced door hung on steel frame	No	4		
3.7	Single solid core door with masonite finish	No	4		
3.8	Double solid door with masonite finish	No	2		
3.9	19mmx75mm timber skirting incl quadrant bead	m	80		
	<u>CEILINGS AND PARTITIONS</u>				
3.10	Vinyl clad suspended ceilings (Ceiling grid White/vinyl/fissured/1200x600mm) incl hangers complete	m ²	700		
3.11	Shadowline Trim	m	60		
3.12	300mm high bulkhead formed of 6mm plasterboard	m	30		
	<u>DRY WALL PARTITIONING</u>				
3.13	Gyproc standard 1/2hour fire rating type dry wall partition	m	40		
3.14	Extra over for vertical abutments	no	14		
3.15	Extra over for corner	no	12		
3.16	Extra over for T intersection	no	12		
3.17	75mm high aluminium skirting fixed to partition walls	m	40		
3.18	Extra over for aluminium frame for a single door	no	4		
3.19	Extra over for a single door hung on aluminium frame(solid core with masonite)	no	2		
	<u>TOILET CUBICLES</u>				
3.20	Partition 1555x1800m high	no	12		
3.21	Full stiles 540x1850	no	12		
3.22	End stiles 150x1850	no	12		
3.23	Wall stiles 540x1850	no	12		
3.24	Extra over for doors(750*1800mm)	no	12		
	Section Total				

4	<u>REMEDIAL WORKS WAREHOUSE & STATION BUILDING</u>				
Item	DESCRIPTION	UNIT	QTY	PRICE	AMOUNT
	<u>REMEDIAL WORK</u>				
4.1	Scrub and prepare concrete floors to receive new floor finishings	m ²	1100		
4.2	2mm approved self-levelling screed	m ²	1100		

	VINYL SHEETING				
4.3	2mm vinyl floor sheeting with welded seamless joints	m ²	250		
4.4	450mm high skirting in vinyl sheeting with seamless welded joints	m	150		
	TILES				
4.5	Supply of floor tiles Matt Ceramic Floor Tile 350x350mm A-Grade laid in approved adhesive and grouted with approved dove grey grout	m ²	800		
4.6	Ditto in skirtings 100mm high using tilling	m	120		
4.7	M*TRIM Aluminium trim on edges	m	60		
	IRONMONGERY				
4.8	Union Tesa knob cylinder complete with furniture lockcase etc	no	16		
4.9	Union double panic bolt Code 802DMG to fire doors	no	4		
4.10	Union door closer stainless steel finish	no	4		
4.11	Union Sandpiper pull handle	no	4		
4.12	Union Sandpiper push plate	no	4		
4.13	Union Sandpiper kickplate	no	4		
4.14	Union s/s door stop	no	12		
4.15	Union coat hook with rubber buffer	no	4		
4.16	Union s/s engraved name plate 150mmx150mm	no	16		
	METAL WORK				
4.17	Mild steel door frame suitable for one brick wall for a single door	no	6		
4.18	Ditto for a double door	no	12		
4.19	Supply and install hand rails (both sides of the walkway) to cross over the railway line, stainless steel				
	PLASTER				
4.20	2 coats plaster to walls	m ²	1600		
	SANITARY WARE				
4.21	Vitreous China water closet (code 05750110) colour white with complete cobra watertech flush master junior	no	8		
4.22	Wooden toilet set colour white	no	8		
4.23	Cameo basin with three pre-punched tap configuration Colour white complete with cobra watertech stella range 1/2 inch single tap hole basin mixer C/P(code 3294ST)	no	4		
4.25	Protea urinal incl flushmaster	no	4		

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4.26	Protea paraplegic 90 deg outlet pan with FM1,100flush master with extended lever handle (code C,FM8-80)	no	2		
4.27	32mm grabrail set SR1 behind water closet and DL2 on side wall as Chairman industris grabrails	no	2		
4.28	Stainless Steel toilet roll holder	no	10		
4.29	Stainless steel electric hand drier	no	10		
4.30	PVC soap dispenser	no	8		
4.31	Plastic PVC SHE bins	no	4		
4.32	5L hydroboil	no	3		
4.33	Kwikot 150L hot water cylinder complete incl tray	no	2		
	<u>GLAZING</u>				
4.34	1200x600mm stainless mirrors screwed to walls	no	6		
4.35	6,8mm laminated glass to existing steel windows up to 3m2	No	12		
	<u>PAINTWORK</u>				
4.36	Three coats plascon acrylic paint to walls and dry walls	m ²	1800		
4.37	Three coats plascon acrylic paint to ceilings	m ²	800		
4.38	Three coats acrylic paint to external walls	m ²	300		
4.39	Three coats plascon velvagio to doors	m ²	60		
4.40	Three coats plascon velvagio to steel frame	m ²	22		
4.41	Three coats paint to timber skirtings with 300mm girth incl priming backs of timber	m	200		
4.42	Allow for R15 000 for provision of branding and sign boards.	Sum	1		
	Section Total				

5	<u>PLUMBING & EXTERNAL WORKS</u>				
Item	DESCRIPTION	UNIT	QTY	PRICE	AMOUNT
5.1	50mm pvc waste pipe	m	80		
5.2	50mm pvc waste pipe chased in brickwork	m	80		
5.3	50mm waste pipe chased in concrete	m	45		
5.4	110mm pvc waste pipe	m	30		
5.5	110mm chased in brickwork	m	12		
5.6	110mm waste pipe in trenches ne 2m deep	m	120		

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5.7	110mm pvc waste in trenches exc 2m but no 4m deep	m	40		
5.8	15mm copper pipe	m	60		
5.9	15mm copper pipe chased to walls	m	30		
5.10	28mm copper pipe fixed to walls	m	30		
5.11	28mm copper pipe chased to walls	m	15		
5.12	32mm copper pipe fixed to walls	m	12		
5.13	32mm copper pipe chased to walls	m	8		
5.14	15mm copper fittings	no	15		
5.15	28mm copper fittings	no	10		
5.16	32mm copper fittings	no	15		
5.17	50mm pvc bend	no	15		
5.18	50mm access bend	no	12		
5.19	50mm junction	no	8		
5.20	50mm acces junction	no	15		
5.21	50mm pvc adaptor	no	15		
5.22	110mm reducing junction	no	15		
5.23	110mm pvc pan connector	no	30		
5.24	110 mm pvc horn airvent	no	20		
5.25	110mm pvc junction	no	15		
5.26	110mm pvc acces junction	no	15		
5.27	110mm pvc bend	no	15		
5.28	110mm acces bend	no	20		
5.29	110mm adaptor	no	30		
5.30	15mm brass fullway gate valve	no	10		
5.31	28mm brass fullway gate valve	no	8		
5.32	50mm brass fullway gate valve	no	6		
	EXTERNAL WORKS				
5.33	Construct paraplegic ramp complete and walkway across the railway approximately 10m long and 2m wide with ramps and guard rails	No	1		
5.34	Prepare and fix external apron around the building	m ²	240		
	Section Total				

6	PROVISIONAL SUMS				
Item	DESCRIPTION	UNIT	QTY	PRICE	AMOUNT
6.1	Allow a Provisional Sum of R140 000.00 for Air Conditioning installation (split units) for the station building and supply and installation of roof ventilators in the goods shed in accordance to SANS standards.	Sum	1		
6.2	Profit	Sum	1		
6.3	Attendance	Sum	1		
6.4	Allow a Provisional Sum of R80 000.00 for Fire fighting equipment	Sum	1		

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6.5	Profit	Sum	1		
6.6	Attendance	Sum	1		
6.7	Allow a provisional Sum of R25 000.00 for backup power (small generator)	Sum	1		
6.8	Profit	Sum	1		
6.9	Attendance	Sum	1		
6.10	Allow a Provisional sum of R70 000.00 for kitchen fittings and furniture	Sum	1		
6.11	Profit	Sum	1		
6.12	Attendance	Sum	1		
6.13	Allow a sum of R60 000.00 for carports	Sum	1		
6.14	Profit	Sum	1		
6.15	Attendance	Sum	1		
6.16	Allow a sum of R80 000.00 for land scaping and fencing including grass cutting & cleaning of the yard including dumping fees to an approved dumping site	Sum	1		
6.17	Profit	Sum	1		
6.18	Attendance	Sum	1		
6.19	Allow a sum of R45 000 for storage racks and change rooms with lockers	Sum	1		
6.20	Profit	Sum	1		
6.21	Attendance	Sum	1		
6.23	Allow a sum of R150 000.00 for re-electricity, water and sewer connection fees	Sum	1		
6.24	Profit	Sum	1		
6.25	Attendance	Sum	1		
6.26	Allow a sum of R150 000.00 for removal roof coverings and make good	Sum	1		
6.27	Profit	Sum	1		
6.28	Attendance	Sum	1		
6.29	Allow a sum of R350 000.00 for professional fees (Electrical & Structural)	Sum	1		
6.30	Allow a sum of 650 000.00 for roof coverings complete incl roof trusses, gutters and down pipes for the old station building and repairs in the goods shed in accordance with SANS standards.	Sum	1		
6.31	Allow a sum of R50 000.00 serving existing electrical sub station and provide mass lights	Sum	1		
6.32	Profit	Sum	1		
6.33	Attendance	Sum	1		
6.34	Allow a sum of R30 000.00 for window blinds	Sum	1		
6.35	Allow a sum of R600 000.00 for Anciliary road works including unblocking of the existing storm water channels around the building, including paving of the driveway and parking area.	Sum	1		

6.36	Allow an amount of R60 000 for the provision of stainless-steel handrails around the goods shed building	Sum	1		
	Section Total				

7	<u>ELECTRICAL WORKS</u>				
Item	DESCRIPTION	UNIT	QTY	PRICE	AMOUNT
	<u>Station Building</u>				
7.1	Decommissioning and removal of the existing electrical installation before the building contractor start with the interior works	item	1		
7.2	Distribution board	item	1		
	Refurbish the following distribution boards, including all equipment, complete with all accessories. Installation shall include fixing, accessories and earthing, to incorporate new circuits				
	The price shall include for all fixing materials, circuit terminations, lugs, cable straps and any other items necessary for the complete installation.				
	Material	No.	3		
	Labour	No.	3		
	TRUNKING				
7.3	Power Skirting				
	2 Compartment, 2 cover power skirting as specified, including covers, and all accessories.				
	Material	m	240		
	Labour	m	240		
7.4	P9000 galvanized trunking, hanging and / or vertically supported. Price to include for hangers, supports, joints and other materials required for the complete installation, including wastage.				
	Material	m	120		
	Labour	m	120		
7.5	150mm medium duty cable tray, welded wire mesh, hanging and / or vertically supported. Price to include for hangers, supports, joints and other materials required for the complete installation, including wastage.				
	Material	m	80		
	Labour	m	80		
	Conduit, flush or surface mounted in wall including all couplings, bends, tees and saddles				
7.6	25mm diameter, PVC conduit				

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	Material	m	140		
	Labour	m	140		
7.7	20mm diameter, PVC conduit				
	Material	m	110		
	Labour	m	110		
	Galvanized pressed metal boxes, flush mounted in wall complete with mounting on conduit, built into brick or concrete, in roof space or on surface	item	1		
7.8	100 x 50 x 50mm box				
	Material	No.	20		
	Labour	No.	20		
7.9	100 x 100 x 50mm box				
	Material	No.	10		
	Labour	No.	10		
7.10	Galvanized/Steel round conduit box (anyway)				
	Material	No.	15		
	Labour	No.	15		
7.11	PVC round conduit box (anyway)				
	Material	No.	15		
	Labour	No.	15		
	Sub Total				
	<u>Main Building & Warehouse</u>				
	Conductors				
	600/1000V grade PVC insulated stranded copper conductors drawn into conduit and trunking,				
7.12	1.5mm ²				
	Material	m	600		
	Labour	m	600		
7.13	2.5mm ²				
	Material	m	300		
	Labour	m	300		
7.14	4 mm ²				
	Material	m	120		
	Labour	m	120		
	Bare copper earth wire (BCEW) laid in ducts, trenches, horizontal racks, cable trays, channels, etc.				
7.15	1,5 mm ²				
	Material	m	350		
	Labour	m	350		
7.16	2,5 mm ²				
	Material	m	20		
	Labour	m	20		
7.18	6,0 mm ² x 4 core flattwin cable plus earth for aircon units				
	Material	m	150		
	Labour	m	150		

7.19	16 mm ² x 4 core flattwin cable plus earth for aircon units, sub DB				
	Material	m	40		
	Labour	m	40		
	Light Switches				
7.20	16 Ampere 230V, one lever light switch with steel cover				
	Material	No.	20		
	Labour	No.	20		
7.21	16 Ampere 230V, two lever light switch with steel cover				
	Material	No.	20		
	Labour	No.	20		
7.20	16 Ampere 230V, one lever two way light switch with steel cover				
	Material	No.	4		
	Labour	No.	4		
	Socket Outlets				
7.21	16 Ampere, Normal 3-pin 230V, single/double switched socket outlet with steel cover				
	Material	No.	20		
	Labour	No.	20		
7.22	16 Ampere, Normal 3-pin 230V, single switched socket outlet with steel cover, on power skirting				
	Material	No.	10		
	Labour	No.	10		
7.23	16 Ampere, Dedicated 3-pin 230V, single switched socket outlet with steel cover, on power skirting				
	Material	No.	20		
	Labour	No.	20		
	Isolator				
7.24	60Ampere, Double Pole isolator				
	Material	No.	10		
	Labour	No.	10		
7.25	30Ampere, Double Pole isolator				
	Material	No.	6		
	Labour	No.	6		
7.26	60Ampere, tripple Pole isolator				
	Material	No.	2		
	Labour	No.	2		
7.27	30Ampere, tripple Pole isolator				
	Material	No.	3		
	Labour	No.	3		
7.28	5A unswitched socket-outlet				
	Material	No.	15		
	Labour	No.	15		
7.29	Blank cover plate				
	Material	No.	2		

	Labour	No.	2		
7.30	Cover for RJ45 Telephone/Data Outlet module in power skirting				
	Material	No.	4		
	Labour	No.	4		
	Sub Total				
	<u>LIGHT FITTINGS</u>				
	Luminaires that are SANS approved and meet the Department Quality Standard, including lamps and sundries (as per the Standard Quality Specification for General Electrical installation (SASOM Guideline No 4,). Contractor must allow for option of colour by Architect on site.				
7.31	Type C (including lamps)				
	Round energy saving LED bulkhead luminaires with unbreakable polycarbonate diffusers				
	Material	No.	15		
	Labour	No.	15		
7.32	Type A (including lamps)				
	LED light-fittings are to be 1500 mm wide body, surface mounted open channels, white powder-coated, mild steel body, fitted with electronic control gear and 2x20W T5 LED tube high efficiency lights.				
	Material	No.	10		
	Labour	No.	10		
7.33	Type A1 (including lamps)				
	Fluorescent light-fittings are to be 1500 mm wide body, surface mounted vapour proof, white powder-coated, mild steel body, fitted with electronic control gear and 2x20W T5 LED high efficiency lamps.				
	Material	No.	2		
	Labour	No.	2		
7.34	Type D (including lamps)				
	Decorative 5W LED down lighter				
	Material	No.	16		
	Labour	No.	16		
7.35	Type T (including lamps)				
	1200mm surface mounted, white powder-coated, mild steel body, low brightness louver type fluorescent lights with electronic control gear and 4x35W T5 LED high efficiency lamps with 3m cord 5A plug				
	Material	No.	1		
	Labour	No.	1		

	<u>EARTHING AND LIGHTNING PROTECTION</u>				
7.36	To provide the earthing and testing of the electrical installation in accordance with the General Specification, regulations and the requirements of the local authority. All circuits shall be earthed in accordance with the wiring code. Where the earth conductor is joined at the terminal block, the wires shall be soldered together so that removal of the equipment shall not result in an interruption of the earth continuity of the conductors.	sum	1		
7.37	Provide a certificate for the Lightning Protection in accordance with the latest SANS Codes of practice 10199 and 10313 in conjunction with SANS 62305-1-2-3-4 and IEC 62305-1-2-3-4	sum	1		
7.38	Earthing as required at DB-A to achieve max 1ohm resistance, including testing				
	supply and install	No.	1		
	<u>TESTING & COMMISSIONING</u>				
7.39	Test and commission the complete electrical installation to the area, as included in this bill,	Sum	1		
	Provide a Certificate of Compliance per DB, as required by SANS 10142-1 for the installation covered by this Bill.	Sum	1		
	Section Total				

SECTION	DESCRIPTION	AMOUNT
1	PRELIMINARIES AND GENERAL	
2	ALTERATIONS	
3	STATION BUILDING REMEDIAL WORKS	
4	REMEDIAL WORKS WAREHOUSE & STATION BUILDING	
5	PLUMBING & EXTERNAL WORKS	
6	PROVISIONAL SUMS	
7	ELECTRICAL WORKS	
	PROJECT TOTAL	

GROSS TOTAL _____

15% VAT _____

GRAND TOTAL_____

C 2.3 LABOUR RATES AD-HOC

LABOUR RATES FOR AD-HOC WORK.

All Rates must exclude VAT.

1.

Normal office hours: (07h00 to16h00)

Skilled Labour

R...../ hour.

Labourer

R...../ hour
2.

Overtime

Skilled Labour

R...../ hour.

Labourer

R...../ hour
3.

Sundays and Public Holidays:

Skilled Labour

R...../ hour.

Labourer

R...../ hour

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