

TENDER NUMBER: Various Tender numbers

DESCRIPTION: FRAMEWORK CONTRACT FOR ELECTRICAL WORKS IN VARIOUS TNPA PREMISES – CENTRAL, EASTERN AND WESTERN REGIONS – 3 YEARS (Grade 4-6 AND 7-9)



TRANSNET SOC LTD

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ADDENDUM NO: 05

DATED: 13 MAY 2024

The following information is furnished in addition to, in amplification and substitution of, matters contained in the tender documents issued in respect of the abovementioned work.

1. Changes in The Bill of Quantities – Framework for Electrical Works

Provision of clarity on the errors identified and specification of standby generator in the Bill of Quantities

SECTION	Old document (text) (Bill of Quantities (BoQ))	Changes (additional information to the clause)
Bill of Quantities – all electrical works (Grade 4-6 and 7-9)	<ol style="list-style-type: none">1. BOQ Works 9 – LIGHTING EB.W03.04 item (b) Equal or similar approved to NORDLAND N50-LED 1200 64W LED Zone 2 surface mounted luminaire, including hook clamps and accessories2. BOQ Works 9 – LIGHTING EB.W03.04 item (c) Equal or similar approved to BEKA Series 30, 20W LED BULKHEAD3. BOQ Works 10 – SWITCHES AND SOCKET OUTLETS EB.W03.05 item 3 Equal or similar approved to Legrand Industrial Rotary 16A single lever, one way weatherproof light switch4. BOQ Works 10 – SWITCHES AND SOCKET OUTLETS item 4 Equal or similar approved to National Photocell, installed in a weather-proof IP65 york box with a clear window.5. BOQ Works 11 - Sockets Outlets EB.W03.07 – Sockets , item (b), (c) and (d)	<ul style="list-style-type: none">• No pricing (rates) required in all those line items in the BoQ.• The items are sub headings. Prices must be provided in the sub items provided below each of those sub headings.

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<p>Bill of Quantities – all electrical works (Grade 4-6 and 7-9)</p> <p>BOQ Works 2</p>	<p>EB.W01.1(d)</p> <p>As-built drawings for new electrical installation, including generator installation</p>	<p>As-built drawings for new electrical installation, including generator installation</p> <p>The specification of a generator:</p> <p>200kVA Mobile Diesel Standby Generator</p> <hr/> <p>Diesel motor Turbo charged Diesel Engine Cooling: Capable of running at 50°C ambient Oil Filter: Spin-on Cartridge Full flow Air Filter: Disposable Paper element Drainage: Radiator and oil drains plumbed to exterior plumbed to exterior Fuel capacity: at least 350L double walled fuel tank Average runtime: at least 24hrs normal operation</p> <p>Generator</p> <ul style="list-style-type: none">• 60Hz Brushless Engine generator• Power Output: 200kW• Frequency: 60Hz• Power Factor: at least 0.8 <p>Electrical Connections</p> <ul style="list-style-type: none">• 900A main breaker with shunt trip• 63A 3PH+N+E industrial plug socket, IP67• 32A 3PH+N+E industrial plug socket, IP67 <p>Controller and display</p> <ul style="list-style-type: none">• -40°C to 70°C operating temperature range• Configurable timers and alarms• Configurable start/stop timers• Easy and user friendly setup• 5 key menu navigation• Robust industrial type push buttons• Engine start/ stop buttons• Hours counter• Fuel level• All Electrical out parameters• Alarm types: warning, shutdown, electrical trip, engine, low fuel, temperature• Alarm list with event history <p>Enclosure</p> <ul style="list-style-type: none">• Aluminium Structure• IP level IP65• UV and fade resistant Paint
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
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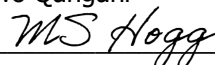


		<ul style="list-style-type: none">• High temperature cured, polyester powder• Large Fully lockable service doors and fuel fill cap• Clearly marked, easily accessible Exterior emergency-stop switch• Central lifting point with gas lifters able to withstand high winds• Easy access to controller• Quick view screen of controller and monitoring of operating levels• Lifting eyes for rigging options by Crane• Multi-lingual safety and operating decals• Interior cabinet has light for nighttime operation• Document holder with owners manuals, including wiring diagrams <p>Trailer</p> <ul style="list-style-type: none">• Complete metal Chassis trailer system capable of mounting the suitable 200kVA Diesel generator during normal operation and transport of speeds up to 80km/h• Fully Licenced and use for public roads• Electrical plug for Headlights on trailer• Red trailer rear headlights, brake lights, reverse lights and direction indicators.• 4 manual outrigger stabilisers• Surge brake system with manual handbrake• Full size spare tire with padlock• Jockey wheel rated to handle complete weight of the generator for extended periods• Jockey wheel manual threaded type jack with rotating lever• Easy access Fire extinguisher• Robust earth bonding terminal on trailer chassis <p>Warranty</p> <ul style="list-style-type: none">• 3 Years warranty bumper to bumper
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This addendum must be signed and submitted with your tender.

Prepared By: 

Siphwiwo Qangani

Approved By: 

Michael Hogg

Date: 13 May 2024

Date: 13 May 2024



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FROM (TENDERER NAME):

DATE: _____

TENDER NUMBER: Various Tender numbers
DESCRIPTION: FRAMEWORK CONTRACT FOR BUILDING, CIVIL ENGINEERING AND ELECTRICAL WORKS IN VARIOUS TNPA PREMISES – CENTRAL, EASTERN AND WESTERN REGIONS – 3 YEARS

Dear Sir / Madam

Receipt of **Addendum No. 05** dated **13 May 2024** is hereby acknowledged.

Kind regards

TENDERER (signature)

NOTE: The undersigned confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer.

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FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

EB.W03

Item	Description	Unit	Quantity	Rate	Amount
<i>Balance brought forward</i>					
EB.W03.06	Occupancy Sensors				
(a)	Ceiling mounted passive infrared(PIR) Similar in quality as Schneider SAE-UE-MS-CU-WE or as approved by Engineer.				
(i)	Labour rate	No	20		R -
(ii)	Material rate	No	20		R -
(b)	Ceiling mounted ultra sonic Similar in quality as Schneider SAE-UE-MS-CSAWE or as approved by engineer.				
(i)	Labour rate	No	7		R -
(ii)	Material rate	No	7		R -
EB.W03.07	Socket outlets				
(a)	Single 16A Floor Mounted Switched Socket Outlet. Similar in quality as Schneider or as approved by engineer.				
(i)	Labour rate	No	10		R -
(ii)	Material rate	No	10		R -
(b)	Equal or similar approved to Legrand Arteor 16A single dedicated socket outlet (4x2) installed on power skirting				
(i)	Equal or similar approved to Legrand Arteor 16A double socket outlet (4x4)	each	8		R -
(ii)	Equal or similar approved to Legrand Arteor 16A single dedicated socket outlet (4x2) installed on power skirting	each	8		R -
(c)	Equal or similar approved to Legrand 16A single socket outlet (4x2), installed on power skirting				

(i)	Equal or similar approved to Legrand 16A single socket outlet (4x2)	each	1		R	-
(ii)	Equal or similar approved to Legrand 2-tier power skirting (70mm DATA, 70mm ELECTRICAL), including bends, covers, fixings, etc	m	100		R	-
(d)	Equal or similar approved to Power Logic pop up plug complete with 1xLegrand 16A single socket outlet (4x2), 1xLegrand 16A single dedicated socket outlet (4x2) and 2 x RJ45 outlets					
(i)	Equal or similar approved to O-Line UDS underfloor box with 16A dedicated double socket outlet and 16A non Dedicated double socket outlet	each	1		R	-
(ii)	Equal or similar approved to UMMAC 5D Blaster Range Siren 400VAC	each	1		R	-
EB.W03.08	Provision for other services					
(a)	RJ11 Telephone Data outlet complete on power skirting					
(i)	Labour rate	No	10		R	-
(ii)	Material rate	No	10		R	-
(b)	RJ45 Data Internet outlet complete on power skirting					
(i)	Labour rate	No	4		R	-
(ii)	Material rate	No	4		R	-
(c)	USB outlet complete on power skirting					
(i)	Labour rate	No	14		R	-
(ii)	Material rate	No	14		R	-
Total Carried to Summary						-

FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

EB.W03

Item	Description	Unit	Quantity	Rate	Amount
<i>Balance brought forward</i>					-
EB.W03.02	Trunking				
A.	P1000 (41mm x 41mm x 2.5) wiring duct suspended 2m from rafters complete with all installation fittings				
	Labour rate	m	200		R -
(ii)	Material rate	m	200		R -
B.	2 Tier power skirting complete with covers and all accessories				
(i)	Labour rate	m	75		R -
(ii)	Material rate	m	75		R -
C.	P1000 trunking complete with all accessories and installation fittings for office block				
(i)	Labour rate	m	40		R -
(ii)	Material rate	m	40		R -
D.	P8000 trunking complete with all accessories and installation fittings for office block				
(i)	Labour rate	m	40		R -
(ii)	Material rate	m	40		R -
Total Carried to Summary					-

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						EB.W03
Item	Description	Unit	Quantity	Rate	Amount	
<i>Balance brought forward</i>						-
EB.W03.04	LIGHTING					
(a)	Equal or similar approved BEKA Roughguard LED 55w surface mounted luminaire	No	5		R	-
(b)	Equal or similar approved to NORDLAND N50-LED 1200 64W LED Zone 2 surface mounted luminaire, including hook clamps and accessories					
(i)	Labour rate	No	6		R	-
(ii)	Material rate	No	6		R	-
(c)	Equal or similar approved to BEKA Series 30, 20W LED BULKHEAD					
(i)	Labour rate	No	6		R	-
(ii)	Material rate	No	6		R	-
Total Carried to Summary						-

FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

EB.W01

Item	Description	Unit	Quantity	Rate	Amount
<i>Balance brought forward</i>					-
EB.W01.1(d)	New electrical installation, including generator installation. a 200kVA Mobile Diesel Standby Generator (as specified in the addendum issued)				
(i)	Labour rate	SUM	1		R -
(ii)	Material rate	SUM	1		R -
EB.W01.1(e)	Certificate of compliance for the complete installation				
(i)	Labour rate	SUM	1		R -
(ii)	Material rate	SUM	1		R -
EB.W01.1(f)	Operation and Maintenance manuals				
	Prepare maintenance manuals, drawings and block plans and converting to electronic format on usb /memory stick				
(i)	Labour rate	SUM	1		R -
(ii)	Material rate	SUM	1		R -
EB.W01.1(g)	Statutory & regulatory requirements				
(i)	Labour rate	SUM	1		R -
(ii)	Material rate	SUM	1		R -
EB.W01.1(h)	Attendance of progress meetings				
(i)	Labour rate	SUM	1		R -
(ii)	Material rate	SUM	1		R -
EB.W01.1(i)	Fixed Price Items				
	Establishment of stores				
(i)	Labour rate	SUM	1		R -
(ii)	Material rate	SUM	1		R -
EB.W01.1(j)	Establishment of communication				
(i)	Labour rate	SUM	1		R -
(ii)	Material rate	SUM	1		R -

EB.W01.1(k)	Removal of site on completion					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
Total Carried to Summary						-

FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

						EB.W01
Item	Description	Unit	Quantity	Rate	Amount	
<i>Balance brought forward</i>						
EB.W01.1(d)	The new electrical installation, including generator installation (Specification as per issued addendum No. 7)					
(i)	Labour rate	SUM	1		R	-
	Material rate	SUM	1		R	-
EB.W01.1(e)	Certificate of compliance for the complete installation					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(f)	Operation and Maintenance manuals					
	Prepare maintenance manuals, drawings and block plans and converting to electronic format on usb /memory stick					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(g)	Statutory & regulatory requirements					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(h)	Attendance of progress meetings					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(i)	Fixed Price Items					
	Establishment of stores					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(j)	Establishment of communication					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-

EB.W01.1(k)	Removal of site on completion					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
Total Carried to Summary						-