



BLUE CRANE ROUTE MUNICIPALITY

CONTRACT NO: T19/2021

**SUPPLY AND DELIVERY OF STREETLIGHTS AND
HIGHMAST LIGHTS**

ADDENDUM NO 1

05 AUGUST 2021

ISSUED BY:

**THE MUNICIPAL MANAGER
BLUE CRANE ROUTE MUNICIPALITY
P O BOX 21
SOMERSET EAST
5850
Contact Person: Mr V Appolis
0422436400**

FORM OF RECIEPT OF ADDENDUM NO 1

NB: This Form of Receipt of Addendum No 1 must be completed by the Tenderer and returned with the submission of the tender document at;

BLUE CRANE ROUTE MUNICIPALITY
67 Nojoli Street
SOMERSET EAST
5850

I/We acknowledge receipt of Addendum No 1 and have noted it contents.

SIGNED ON BEHALF OF THE TENDERER:

NAME OF SIGNITORY:

SIGNATURE:

NAME AND ADDRESS OF TENDERER:

TEL NO:

FAX NO:

DATE:

This Addendum forms integral part of the Tender and shall be incorporated into the contract. Each Tenderer shall incorporate the following omissions, amendments and/or additions to the document and Tender.

Tenderers shall acknowledge receipt and acceptance of the Addendum and submit the completed addendum with his Tender. No pages may be removed from the Addendum.

1. **ADDITIONS/ AMENDMENTS AND/OR OMISSIONS**

- ANNEXURE A attached

2. **EXTENDED CLOSING DATE**

20 AUGUST 2021 at 12H00.

3. **AMENDMENTS IN PRICING SCHEDULE- MBD 3.1**

PRICING SCHEDULE – FIRM PRICES

(PURCHASES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of Bidder.....	Bid Number.....
Closing Time	Closing Date

OFFER TO BE VALID FOR.....DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	DESCRIPTION	MANUFACTURED IN SA? YES/NO	QTY	PRICE PER UNIT EXCL. VAT	TOTAL PRICE EXCL. VAT
1	STREET LIGHTS LED streetlights (90-120) Watts		111		
2	<u>HIGHMAST LIGHTS</u> LED flood lights 210 Watts LED flood lights (300 – 600) Watts		153 48		
TOTAL PRICE EXCL. VAT					
VAT @ 15%					
TOTAL PRICE INCL. VAT					

- Required by:
- At:

- Does the offer comply with the specification(s)? *YES/NO

- If not to specification, indicate deviation(s)

- Period required for delivery
*Delivery: Firm/Not firm

- Delivery basis

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

Issued by:

**MR T. KLAAS
MUNICIPAL MANAGER
67 NOJOLI STREET
SOMERSET EAST
05 AUGUST 2021**



ANNEXURE A

HIGH MAST LIGHTING – 30m POLE HIGH MAST

INSTALLATION: HIGH MAST LIGHTS

PROJECT NUMBER:

PROJECT DISCRIPTION: RETROFITTING HIGH MAST LIGHTS

LUMINAIRES USED: Existing Luminaires are 400 Watts High Pressure Sodium Vapours and 1000Watts High Pressure Sodium and Metal Hallide with 9 lights on the ring.

PROPOSED LUMINAIRES: LED Flood Lights 210Watts for a 400W Sodium Vapour (9 x 210w on a 30m mast)

NB: (The 210Watts is a guide, the LED light must emit lumens equivalent to 37474 or higher. Any light higher than 240Watts won't be acceptable). With the changing technology on LED lights, suppliers bidding on lower wattage than 210Watts must supply relevant information with certification from manufacturers and proof to that regard.

PROPOSED LUMINAIRES: LED Flood Lights (300 – 600) Watts for a 1000W Sodium Vapour and Metal Hallide (6 x ((300 – 600) w x 30m)

NB: LED light must emit lumens equivalent to 41081 – 70000 or higher. A light higher than 600Watts won't be acceptable).

NB: Suppliers must provide a proof in terms of simulation that the lights set up in a triangle of 300m apart will produce 1 lux at the centre.

NUMBER OF LIGHTS: 201

Total Number of 400Watts: 153

Total Number of 1000Watts: 48

Total Lights: 201

ADDITIONAL INFORMATION

The LED life expectancy shall be 100 000 hours or more at 80% lumen maintenance by the use of high efficiency LED's (> 70 lumens/watt: Absolute photometry) CRI > 70. Documentary evidence of compliance to this cause shall be submitted with the tender. Colour temperature shall be neutral white (5000K). Each Led shall be equipped with a lens to provide the desired light distribution and making it highly efficient. Measured LED junction temperature temperature for a given test condition and extrapolated for an ambient temperature of 35°C.

- LED drive current
- LED manufacturer data clearly correlates LED junction temperature and LED drive current to lumen maintenance.
- The LED datasheets, indicating the Byy, Lxx data, as provided by the LED manufacturer.

Documentary evidence, confirming that the failure of one LED will not cause additional LED's to fail. The PCB shall incorporate a temperature sensor which shall reduce the current to protect the LED's at higher than rated ambient temperatures. The temperature sensor is not intended to switch off the LED's at high temperatures.