

TRANSNET ENGINEERING

PRODUCT SYSTEMS DEVELOPMENT

PORT EQUIPMENT

SPECIFICATION FOR THE SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL COMPONENTS

Revision 00

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1. INTRODUCTION

The following specification details the items required by Transnet Engineering.

2. ITEM LIST

Table 1: Item List

Item No.	Item	Description	Comply (Yes/No)
055846543	FUSE CARTRIDGE;ATC BLADE,20 A,24 V,RED	FUSE, CARTRIDGE; TYPE: ATC BLADE, CURRENT RATING: 20 A, POTENTIAL RATING: 24 V, SPECIAL FEATURES: RED; P/N: 0287010, LITTELFUSE; REFERENCE NO: ZFP003; SPECIFICATION: PD_DE_NAT_SPEC_020, LA;	
055855112	FUSE;ATC BLADE,30 A	FUSE; TYPE: ATC BLADE, CURRENT: 30 A	
055855113	RELAY;24 V;5 PIN WITH PARALLEL DIODE	RELAY; COIL POTENTIAL: 24 V; 5 PIN WITH PARALLEL DIODE	
084854341	CONNECTOR;GATES;1 5MM - 90°	CONNECTOR; TYPE: GATES; 15MM - 90° CONNECTOR (RESISTANCE TO EXTREME TEMPERATURES FROM -65°C TO +250°C, WORKING PRESSURE UP TO 2 MPA) OR EQUIVALENT	
088854630	LAMP AUTOMOTIVE;WORK	LAMP, AUTOMOTIVE; TYPE: WORK; HALOGEN WORKLIGHT 12/24V MOUNTING- SUSPENDED VERTICAL - SHORT DISTANCE LIGHTING - LAMP TYPE: H3, POWER CONSUMPTION: 35/70W, GLASS PATTERNED DIFFUSER, BLACK PLASTIC HOUSING, WIDTH: 195MM, HEIGHT: 96MM, DEPTH: 83MM, 24V 70W H3 BULB,PIVOT BASE WITH M10 FIXING SCREW, WITH FEMALE DEUTSCH PLUG	
088854632	LAMP UNIT VEHICULAR;HEAD,RHS	LAMP UNIT, VEHICULAR; TYPE: HEAD, SPECIAL FEATURES: RIGHT HAND SIDE; RHD RIGHT HEADLIGHT, IP5 4, HOUSING AND FRAME: BLACK PLASTIC, LENGTH: 252MM, HEIGHT, 119MM, DEPTH: 129.5, H4 BULB, 24V, 75/70W, PARK LIGHT MINIATURE 24V, 3W BAYONET BULB, COBO SPA 05 1234 0000 OR EQUIVALENT	
088854633	LENS;HEAD LIGHT	LENS; TYPE: HEAD LIGHT; GLASS PATTERNED DIFFUSER TO FIT ON 088854632, COBO 05 509 OR SIMILAR	
088854634	LIGHT INDICATOR;TURN RH	LIGHT, INDICATOR; TYPE: TURN, RIGHT HAND; RHD RIGHT AMBER SIGNAL LIGHT, BAYONET FITTING FOR 2 4V, 21W SIGNAL BULB	
088854635	LIGHT SIGNAL;RHD,LEFT,24 V,21 W,AMBER	LIGHT, SIGNAL; TYPE: RIGHT HAND DRIVE, LEFT, POTENTIAL: 24 V, POWER: 21 W, COLOR: AMBER, SPECIAL FEATURES: BAYONET FITTING; SIGNAL BULB	

088854636	LENS;RHD,RIGHT,AMBER	LENS; TYPE: RIGHT HAND DRIVE, RIGHT, COLOR: AMBER; FOR 088854635, COBO 03 395, OR SIMILAR	
088854637	LENS;RHD,LEFT,AMBER	LENS; TYPE: RIGHT HAND DRIVE, LEFT, COLOR: AMBER; FOR 088854638, COBO 03 395, OR SIMILAR	
088854638	LAMP UNIT VEHICULAR;HEADLAMP;RHD LEFT	LAMP UNIT, VEHICULAR; TYPE: HEADLAMP; RHD LEFT HEADLIGHT WITH AMBER SIDE TURN SIGNAL LIGHT PLASTIC DIFFUSER, IP54, HOUSING AND FRAME: BLACK PLASTIC, GLASS PATTERNED DIFFUSER, LENGTH: 252MM, HEIGHT, 119MM, DEPTH: 129.5, H4 BULB, 24V, 75/70W, PARK LIGHT MINIATURE 24V, 3W BAYONET BULB, 21W BAYONET SIGNAL BULB, COBO SPA 05 1234 0000 OR SIMILAR	
088854640	LIGHT INDICATING;TAIL;COMBINATION	LIGHT, INDICATING; TYPE: TAIL; COMBINATION TAIL LIGHT, 140MM DIA, 80MM WIDTH, STOP, TAIL, INDICATOR, MOUNTING BOLTS ON REAR 45MM APART, 2 PIN DEUTSCH SOCKET	
088854642	LIGHT BEACON;STROBE,3 BOLT	LIGHT, BEACON; TYPE: STROBE, MOUNTING TYPE: 3 BOLT; 1INCH PIPE MOUNT, AMBER, 12-48 VDC, ECCO 6570A OR SIMILAR	
088854643	LIGHT UNIT;INTERIOR,3 POSITION	LIGHT UNIT; TYPE: INTERIOR, 3 POSITION; 2X 24V 10W 44MM FESTOON BULB, PATTERNED DIFFUSER, HELLA 22/181/1 OR SIMILAR	
088854644	LAMP FLUORESCENT;FESTOON BULB,24 V,10 W	LAMP, FLUORESCENT; TYPE: FESTOON BULB, POTENTIAL RATING: 24 V, POWER RATING: 10 W, DIMENSIONS: LG 44 MM, COLOR: CLEAR	
088854646	ALARM;BACKUP,12/80 V,O/P:90 DB	ALARM; TYPE: BACKUP, POTENTIAL: 12/80 V, OUTPUT: 90 DB	
088854662	LAMP INCANDESCENT;H3,PK 22S,24 V,70 W	LAMP, INCANDESCENT; TYPE: H3, PK22S, POTENTIAL RATING: 24 V, POWER RATING: 70 W; 2.59CM X 5.11 CM X 2.59CM, BOSCH 1987302-431-KM OR SIMILAR	
088854663	BULB;SIGNAL,TRUCK COMRSL,21W	BULB; TYPE: SIGNAL, TRUCK COMMERCIAL, 21W; HEIGHT: DIA: 26.5MM, HEIGHT: 52.5MM, BAYONET FITTING, BOSCH 1987302524 OR SIMILAR	
088854664	BULB;H4,24V,75/70W,P 43T BASE	BULB; TYPE: H4, 24 V, 75/70 W, P43T BASE, DIMENSIONS: DIA 17 X LG 82 MM; OSRAM 64196 OR SIMILAR	
088854687	HORN SIGNAL;LOW TONE,115 DB,24 V,335 HZ	HORN, SIGNAL; TYPE: LOW TONE, DECIBEL: 115 DB, POTENTIAL: 24 V, POWER: 335 HZ, DIMENSIONS: DIA 97 MM, CONNECTION TYPE: PUSH ON TERMINAL; HELLA 002952 OR SIMILAR	
088854688	BATTERY;TRUCK,EXTRA HEAVY DUTY,12 V	BATTERY; TYPE: TRUCK, EXTRA HEAVY DUTY, POTENTIAL: 12 V; 140AH, 686C	
088854699	FITTING;PLUG,175 A,BRAD HARRISON	FITTING; TYPE: PLUG, 175 A, BRAD HARRISON, COMMERCIAL SIZE: 80 X 54 MM; PLUG FITTING WITH LUGS, CE CERTIFIED, UL CERTIFIED, ANDERSON OR SIMILAR	

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088854727	BLADE WIPER;FRONT;LG 800 MM	BLADE, WIPER; TYPE: FRONT; FRONT WIPER BLADE; LENGTH 800MM	
088854728	BLADE WIPER;REAR,MTL/RBR ,TERBERG HAULER	BLADE, WIPER; TYPE: REAR, MATERIAL: METAL AND RUBBER, APPLICATION: TERBERG HAULER; REAR WIPER BLADE; LENGTH 600MM	
088854731	GENERATOR ENG ACCESS;ALT;	GENERATOR, ENGINE ACCESSORY; TYPE: ALTERNATOR; CORE-THREE-PHASE ALTERNATOR, 24V, 80A, ROTATION: CW, MOUNT TYPE: SPOOL, FAN: INTERNAL OR EQUIVALENT	
088854732	STARTER AUTOMOTIVE;ENGINE, 24 V	STARTER, AUTOMOTIVE; TYPE: ENGINE, POTENTIAL: 24 V;24V/3.9KW/200A, DELCO REMY 29MT	
088854746	RELAY;24 V,70 A;	RELAY; COIL POTENTIAL: 24 V, CURRENT: 70 A; AND DIODE; DC AUTOMOTIVE 4 PIN POWER RELAY, PLUG -IN MAXI ISO, 1 NO, QUICK CONNECT TERMINALS, WITH MOUNTING BRACKET, TYCO V23134-J2053-X194 OR SIMILAR	
088854747	CONNECTOR;RELAY;	CONNECTOR; TYPE: RELAY; FEMALE PIN RELAY HOUSING, PANEL MOUNT, SIDE-BY-SIDE, FOR USE WITH 08 8854746 70 AMP RELAY, HELLA 8JA 003 526-001 OR SIMILAR	
088854751	FUSE;5 A;	FUSE; CURRENT: 5 A; 19.1 MM BLADE AUTOMOTIVE FUSE ATO/ATC;	
088854752	FUSE;10 A;	FUSE; CURRENT: 10 A; 19.1 MM BLADE AUTOMOTIVE FUSE ATO/ATC;	
088854753	FUSE;15 A;	FUSE; CURRENT: 15 A; 19.1 MM BLADE AUTOMOTIVE FUSE ATO/ATC;	
088854754	FUSE BOX;	FUSE BOX; 32V BOLT DOWN BASE MOUNT HIGH-CURRENT MEGA FUSE HOLDER, 150A, UL94, HB, CAP M3 HOLE , MOUNT M6 HOLE, LITTLE FUSE 04980903ZXT OR SIMILAR	
088854755	FUSE;100 A;	FUSE; CURRENT: 100 A; 32V 100A BOLT DOWN MAXI CAR FUSE, 69MM X 19MM X 10MM, LITTLE FUSE BF1 -100A OR SIMILAR	
088854756	UNIT;FLASHER,TERBERG HAULER;	UNIT; TYPE: FLASHER, 9-30V, 10-200W, 4-PIN, UNIVERSAL FLASHER RELAY, MIUNSKA N1-3090-1500 OR SIMILAR	
088854833	TERMINAL;BATTERY,ADJ,250 A	TERMINAL; TYPE: BATTERY, ADJUSTABLE, CURRENT: 250 A; WITH M10 STUD AND NUT, TOP POST, HEAVY DUTY TRUCK	
088855499	PLUG ELEC;FEM,POLE:7 PIN MALE,12/24 V	PLUG, ELECTRICAL; TYPE: FEMALE, POLE: 7 PIN MALE, POTENTIAL: 12/24 V; SABS 1327 7-PIN TRAILER SOCKET FEMALE, ROUND PIN, 24V, FLANGE MOUNT, 20A, M8 BOLT, METAL SPRING-LOADED COVER AND RUBBER CABLE COVER	
088859909	RELAY TIME DELAY;8S DELAY;	RELAY, TIME DELAY; OPERATION: 8S DELAY; 24V, 10/15A, 8S, SWITCH-ON DELAYED TIMER RELAY, MIUNSKA N2-2128-0000 OR SIMILAR	

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088859910	RELAY-SWITCH;SOLENOID;	RELAY-SWITCH; TYPE: SOLENOID; 24 VOLT, SPDT, 10 AMP / 20 AMP, DIO RELAY, 5 PIN, WITH PARALLE L DIODE, HELLA 4RD007903-02 OR SIMILAR	
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* Bidder needs to respond as Yes or No to state compliance to the item requirements.