

ESKOM GENERATION**2026**

**The Supply and Delivery of
Thermocouples and related
components at Camden Power
Station for a Period of 12 months.**

CONTRACT NUMBER :

CONTRACTOR :

**CONTRACT AMOUNT :
(EXL. VAT)**

**CONTRACT AMOUNT :
(INCL. VAT)**

The Supply and Delivery of Thermocouples and related components at Camden Power Station for a Period of 12 months.

No	Material no	Description	Quantity	Rate	Amount
	238637	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 4.4 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; JUNCTION: SINGLE; HEAD: YES	20		R -
	597656	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 5.5 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: SS GR 316; PROCESS CONNECTION:SINGLE; HEAD: YES; WIRES: 2; NUMBER OF JUNCTIONS: 2; TWO WIRE THROUGH 24V PUK (MODULE); THERMOCOUPLE TO BE SUPPLIED WITHOUT CERAMIC BLOCK ON THE HEAD; THE HEAD MUST BE FREE TO TAKE TRANSMITTER (PUK)	23		R -
	237321	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 1.541 M; TEMPERATURE RANGE: 01100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW CLAMP; JUNCTION: SINGLE; 1MM SQUARE WIRE SIZE; WITH BIG HEAD TO TAKE PUG	18		R -
	236381	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 16 M; TEMPERATURE RANGE: 0-900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; JUNCTION: SINGLE; ELECTRICAL CONNECTION: LEADS 3 M; 1MM SQUARE WIRE SIZE; WITH WELD PAD 25 X 25 X 3MM AND 3M TAIL TO FLOU COATED	50		R -
	236395	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 3 M; TEMPERATURE RANGE: 0-900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; 1MM SQUARE WIRE SIZE; WITH WELD PAD 25MM X 25MM X 3MM AND 3M TEFLON LEAD COATED; 3MM X 3M X 3M LEAD	50		R -
	241315	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 100 MM; TEMPERATURE RANGE: 01100DEG C; SHEATH MATERIAL: STAINLESS STEEL;WITH 10M PVC TAIL	18		R -

236389	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 321 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	19	R	-
597656	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 5.5 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: SS GR 316; PROCESS CONNECTION: SCREW CLAMP; JUNCTION: SINGLE; HEAD: YES; WIRES: 2; NUMBER OF JUNCTIONS: 2; TWO WIRE THROUGH 24V PUK (MODULE); THERMOCOUPLE TO BE SUPPLIED WITHOUT CERAMIC BLOCK ON THE HEAD; THE HEAD MUST BE FREE TO TAKE TRANSMITTER (PUK)	23	R	-
237320	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 1.5 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: 1/4 IN-NPT; JUNCTION: SINGLE; 1MM SQUARE WIRE SIZE; WITH 5M TEFLON TAIL	23	R	-
236386	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 2.5 M; TEMPERATURE RANGE: 0-900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	24	R	-
252876	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 1 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; WIRES: 2; PROCESS CONNECTION SCREW, WITH WELDING PAD SQ 25 MM X 3 MM THICK, TAIL 3M	32	R	-
252876	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 1 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; WIRES: 2; PROCESS CONNECTION SCREW, WITH WELDING PAD SQ 25 MM X 3 MM THICK, TAIL 3M	32	R	-
252876	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 1 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; WIRES: 2; PROCESS CONNECTION SCREW, WITH WELDING PAD SQ 25 MM X 3 MM THICK, TAIL 3M	32	R	-

238077	THERMOCOUPLE: TYPE: T; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 30 MM; TEMPERATURE RANGE: 0-400 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW CLAMP; JUNCTION: SINGLE; SUPPL P/N: TITDAS030; CABLE LENGTH 3M	19	R	-
236394	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 641 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	13	R	-
236383	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 321 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	35	R	-
236384	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 190 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	19	R	-
155493	THERMOCOUPLE: TYPE: J; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 280 MM; TEMPERATURE RANGE: 01200 DEG C; SHEATH MATERIAL: SS GR 316; PROCESS CONNECTION: MALE; JUNCTION: SIMPLEX, UNGROUNDED; HEAD: YES; ELECTRICAL CONNECTION: SCREW; REFERENCE NO: 60J316-12801A; MINERAL INSULATED; COMPLETE WITH SMALL AL HEAD; WIRE SIZE 0.5MM	25	R	-
236385	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 1.541 M; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	50	R	-

	DETECTOR, RESISTANCE TEMPERATURE: TYPE: SIMPLEX; TEMPERATURE RATING: 0-100 DEG C; SHEATH LENGTH: 70MM; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: THD;SHEATH DIAMETER: 6 MM; NUMBER OF SENSORS: SINGLE; SUPPL P/N: VOORBOOPTI ADDITIONAL INFORMATION MUST BE A SPRING LOADED WITH COMP- GLAND(SS) 1/2NPTm	18	R	-
634263	DETECTOR, RESISTANCE TEMPERATURE: TYPE: RTD; TEMPERATURE RATING: 200 DEG C; RESISTANCE: 100 OHM AT 0 DEG C; SHEATH LENGTH: 70 MM; WIRE: 3; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: 1/4 IN; HEAD: YES; SHEATH DIAMETER: 6MM; NUMBER OF SENSORS: SINGLE; SPRING LOADED BAYONET FITTING; BAYONET ADAPTOR MATERIAL: SS 316; IMMERSION LENGTH: 70 MM; PVC CABLE: 2300 MM WITH FLEXIBLE CONDUIT CABLE PROTECTION	11	R	-
238190	DETECTOR, RESISTANCE TEMPERATURE: TYPE: SIMPLEX; WIRE: 3; SHEATH MATERIAL: STAINLESS STEEL; HEAD: YES; SHEATH DIAMETER: 6 MM; SUPPL P/N: T1RAB1SS60; TP100 WITH TERM; HEAD CONN PROBE 6	10	R	-
607417	DETECTOR, RESISTANCE TEMPERATURE: TYPE: PT100; TEMPERATURE RATING: -20 TO 600 DEG C; RESISTANCE: 100 OHM; SHEATH LENGTH: 300 MM; WIRE: 3; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; HEAD: YES; SHEATH DIAMETER: 6 MM	12	R	-
236392	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 341 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	18	R	-
155493	THERMOCOUPLE: TYPE: J; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 280 MM; TEMPERATURE RANGE: 01200 DEG C; SHEATH MATERIAL: SS GR 316; PROCESS CONNECTION: MALE; JUNCTION: SIMPLEX, UNGROUNDED; HEAD: YES; ELECTRICAL CONNECTION: SCREW; REFERENCE NO: 60J316-12801A; MINERAL INSULATED; COMPLETE WITH SMALL AL HEAD; WIRE SIZE 0.5MM	25	R	-

236382	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 1.141 M; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	25	R	-
236388	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 1.641 M; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	40	R	-
245758	THERMOCOUPLE: SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 280 MM; SHEATH MATERIAL: STAINLESS STEEL; JUNCTION: SINGLE; HEAD: YES; ACCURACY: 0.75 PCT; ELECTRICAL CONNECTION: SCREW; NUMBER OF JUNCTIONS: 1; PROCESS CONNECTION1MM2	14	R	-
236390	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 416 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE;HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	10	R	-
236392	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 341 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE;HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	20	R	-
236396	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 2.1 M; TEMPERATURE RANGE: 0-900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE;HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	20	R	-
236393	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 541 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	29	R	-

243077	HEAD, THERMOCOUPLE: TYPE: K; THERMOCOUPLE OPENING: 6 MM; MATERIAL: STAINLESS STEEL; 6MM X 375MM	24	R	-
237097	MODULE: TYPE: PUK; OUTPUT: 4-20 MA; POWER SOURCE: 24 V; APPLICATION: THERMOCOUPLES; SUPPL P/N: T2PR5334A3B; 2 WIRE PROGRAMMABLE	36	R	-
671004	TRANSMITTER: TYPE: INPUT/OUTPUT SIGNAL; RANGE: 0-100 DEG C; OUTPUT: 4-20 MA; SUPPLY: 24 V; APPLICATION: RTD/THERMOCOUPLE; MANUF P/N: T2PR-5331A3B1	53	R	-
236383	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 321 MM; TEMPERATURE RANGE: 0900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: YES; 1MM SQUARE WIRE SIZE; WITH HEAD TO TAKE TRANSMITTER	40	R	-
583887	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 3.5 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: SS GR 316; PROCESS CONNECTION: SCREW CLAMP; JUNCTION: SINGLE; HEAD: YES; WIRES: 2; NUMBER OF JUNCTIONS: 2; 2WIRE THROUGH 24V PUK (MODULE)	20	R	-
236999	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 2.7 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW CLAMP; JUNCTION: SINGLE; HEAD: YES; SUPPLY THERMOCOUPLE WITHOUT, CERAMIC BLOCK ON THE HEAD, THERMOCOUPLE MUST BE FREE TO TAKE TRANSMITTER PUK	18	R	-
237317	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 20 MM; TEMPERATURE RANGE: 01100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: 1/4 IN-NPT; JUNCTION: SINGLE; 1MM SQUARE WIRE SIZE; WITH 10M SS BRAIDED TAIL	13	R	-

250011	THERMOCOUPLE: TYPE: T; SHEATH DIAMETER: 3 MM; TEMPERATURE RANGE: 0-300 DEG C; SHEATH MATERIAL: STAINLESS STEEL; HEAD: YES; WIRES: 2; ELECTRICAL CONNECTION: SCREW; NUMBER OF JUNCTIONS: 2; SUPPL P/N: TITEATSS30; HEIGHT 5MM X DIA 3MM ON HOT JUNCTION; HEIGHT 5MM X DIA 5MM ON COLD JUNCTION; WITH 5M TEFLON TAIL	20	R	-
227215	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 950 MM; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: SS GR 316; JUNCTION:SINGLE; SUPPL P/N: T1TEBKSS30; MUST BE CHECKED AT RECEIVING BEFORE BEING PLACED ON SHELF; WITH POTTED SEAL; WIRE SIZE 1MM; PVC FLY LEADS 5	15	R	-
254628	THERMOCOUPLE: TYPE: J; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 450 MM; TEMPERATURE RANGE: -210 TO 200 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW; JUNCTION: SINGLE; HEAD: NO; WIRES: 2; NUMBER OF JUNCTIONS: 1; MANUF P/N: D56122; REFERENCE NO: 06249979-4; WITH 3M TAIL	29	R	-
563689	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 2 MM; DESIGN LENGTH: 35 MM; TEMPERATURE RANGE: 0-900 DEG C; SHEATH MATERIAL: SS GR 316; PROCESS CONNECTION: MALE; JUNCTION: SINGLE; HEAD: NO; WIRES: 2; NUMBER OF JUNCTIONS: 1; MANUF P/N: W18450; APPLICATION: FRONT PEDESTAL; ON THE INBOARD AND OUTBOARD THRUST PAD BEARING ON THE TURBINE	9	R	-
624936	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 2.2 M; TEMPERATURE RANGE: 0-900 DEG C; SHEATH MATERIAL: STAINLESS STEEL; PROCESS CONNECTION: SCREW SQUARE WIRE 1MM; JUNCTION: 1; HEAD: YES; WIRES: 2; NUMBER OF JUNCTIONS: 1	9	R	-

	599817	TRANSDUCER: TYPE: MEASURING; INPUT: 1 MA; OUTPUT: 23 MA; POWER SOURCE: 24 VDC; MANUF P/N: MCR-SL-PT100 UI-NC- 2864273; MCR TEMPERATURE TRANSDUCER FOR PT100 TEMPERATURE SENSORS	47		R	-
TOTAL EXCL. VAT						R -

The Supply and Delivery of Thermocouples and related components at Camden Power Station for a Period of 12 months.

FINAL SUMMARY

ITEM	DESCRIPTION	AMOUNT
1	Bill No.01 - Thermocouples and Related Components	R -
	SUB TOTAL	R -
	VAT @15%	R -
TOTAL BID PRICE (INCL. VAT) - TRANSFERRED TO FORM OF OFFER AND ACCEPTANCE		R -