



## KWAZULU-NATAL PROVINCE

SPORT, ARTS AND CULTURE  
REPUBLIC OF SOUTH AFRICA

### SPECIFICATION FOR ROUTER

TECHNICAL ENQUIRIES/ DELIVERY INFORMATION		
NAME OF DIRECTORATE/ COMPONENT:	Library Services	
DELIVERY DETAILS (ADDRESS AND DATE/ TIME)	230 Prince Alfred Street, Library Services, Pietermaritzburg	
OTHER REQUIREMENTS (State)		
CONTACT DETAILS: NAME	EMAIL ADDRESS	Contact Number
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NO	DESCRIPTION OF SPECIFICATION	QUANTITY	BRAND NAME (if applicable)	UNIT PRICE	TOTAL PRICE
<i>To be completed by requester/ end user</i>			<i>To be completed by bidding supplier</i>		
1	Router	340			
	<ul style="list-style-type: none"> <li>• hEX PoE (RB960PGS):</li> <li>• PoE In: 12-57V (Passive or 802.3af/at) on Ether1.</li> <li>• PoE Out: 12-57V Passive PoE or 802.3af/at on ports 2-5.</li> <li>• Max Power Output: 1A max per port, 2A total (12V-57V).</li> <li>• Max Power Consumption: 54W (without attachments).</li> <li>• hEX PoE Lite (RB750UPr2):</li> <li>• PoE In: Passive PoE 12-57V (Ether1).</li> <li>• PoE Out: Passive PoE on ports 2-5, max 1A per port.</li> <li>• PoE In/Out: All 8 ports, up to 25W per port.</li> <li>• Essential PoE Notes</li> <li>• Voltage Matching: PoE output voltage is typically the same as the applied input voltage. Using a 24V adapter means 24V output; for 48V devices (802.3af/at), a 48V-57V adapter is required.</li> <li>• Capacity: Total power output is limited by the power supply provided, which is generally 24V-57V to support high-power devices.</li> <li>• Passive vs. Active: Most hEX models support passive PoE but can support 802.3at/af if the voltage is appropriate</li> </ul>				
	Sub Total				
	VAT				
	TOTAL				