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PUBLIC WORK AUTHORITY - ASSETS AFFAIRS, ROAD OPERATIONS & MAINTENANCE DEPARTMENT  
WORK ORDER No. ZF\_065 - ZONAL FRAMEWORK CONTRACT FOR ROAD MAINTENANCE - DOHA NORTH 18

SUPPLY AND DELIVERY OF STREET LIGHT LUMINAIRES

BILL OF QUANTITIES

Reference	Header	BOQ Description	Unit	Quantity	Rate (QAR)	Amount (QAR)
ZF.L.E.286	(L) Street Lighting Works	<p>Supply and Install - 10 Metre High Column &amp; Luminaires</p> <p>Supply and Install column of 10 Metre height with arms and luminaires as set out below, complete with control gear, lamps, cables, cut out and carry out connections from luminaire to cut out, testing &amp; commissioning, supply and install PVC cap for anchor bolts and approved grouting material between foundation base &amp; flange plate. Supply and install earthing for end poles and Supply numbering of column on two sides including termination of Street Lighting Cables inside the column.</p> <p>Note: Specific ASHGHAL approval shall be obtained for LED luminaires</p> <p>Single arm bracket up to 2.5 m with 1 No. LED luminaire matching the lumen output of 250W HPSV Luminaire</p>	NR	95	1,050.00	99,750.00
ZF.L.G.299	(L) Street Lighting Works	<p>Supply and Install - Columns &amp; Luminaires</p> <p>Supply and Install column of heights, arms and luminaires as below, complete with control gear, lamps, cables, cut out and carry out connections from luminaire to cut out, testing &amp; commissioning, supply and install PVC cap for anchor bolts, approved grouting material between foundation base and flange plate. Supply and install earthing for end poles and Supply numbering of column on two sides including termination of Street Lighting Cables inside the column.</p> <p>Note: Specific ASHGHAL approval shall be obtained for LED luminaires</p> <p>8m high, one arm bracket up to 1.5m and one LED luminaire matching lumen output of 150W HPSV Luminaire</p>	NR	298	746.00	222,308.00
ZF.L.E.824	(L) Street Lighting Works	<p>Supply &amp; Installation / Retrofit with LED Luminaires</p> <p>Supply and retrofit with prequalified LED Luminaires having seven pin NEMA socket (as per specification) as a whole for retrofit of HPS luminaires of wattages given below, make all necessary disconnections &amp; connections including testing and commissioning. Coordinate with control-communication Supply to install communication node on the luminaire or inside column as required and to ensure communication between controller and luminaire. Deliver the removed materials to PWA stores; The selection of LED luminaire optic and wattage shall be as per the lighting design suitable for the class of road approved by the Engineer's Engineer.</p> <p>Equivalent to 150W HPSV Luminaire</p>	NR	277	746.00	206,042.00
ZF.L.E.825	(L) Street Lighting Works	<p>Supply &amp; Installation / Retrofit with LED Luminaires</p> <p>Supply and retrofit with prequalified LED Luminaires having seven pin NEMA socket (as per specification) as a whole for retrofit of HPS luminaires of wattages given below, make all necessary disconnections &amp; connections including testing and commissioning. Coordinate with control-communication Supply to install communication node on the luminaire or inside column as required and to ensure communication between controller and luminaire. Deliver the removed materials to PWA stores; The selection of LED luminaire optic and wattage shall be as per the lighting design suitable for the class of road approved by the Engineer's Engineer.</p> <p>Equivalent to 250W HPSV Luminaire</p>	NR	149	1,050.00	156,450.00
		TOTAL				685,150.00

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**PRICE COMPARISON FOR STREET LIGHT LUMINAIRES (SUPPLY ONLY)**

Spectrum Electrical Products Factory / Scheduler					Doha Kowate		DCA Trading							
ORIGINAL		NEGOTIATED												
Request Date: 4/10/2022		Request Date: 9/10/2022		Request Date: 8/10/2022		Request Date: 04/07/2023								
Quotation Ref: 009/22/002-3		Quotation Ref: 009/22/002-5		Quotation Ref: DK001001/2022		Quotation Ref:DCA-LD-KC-04/07/2023-QU0004(REV0)				Budget				
Reference	Header	BOQ Description	Unit	Quantity	Rate (QAR)	Amount (QAR)	Rate (QAR)	Amount (QAR)	Rate (QAR)	Amount (QAR)	Rate (QAR)	Amount (QAR)		
ZF-L.E.286	(L) Street Lighting Works	Supply and Install- 10 Metre High Column & Luminaires  Supply and install column of 10 Metre height with arms and luminaires as set out below, complete with control gear, lamps, cables, cut out and carry out connections from luminaire to cut out, testing & commissioning, supply and install PVC cap for anchor bolts and approved grouting material between foundation base & flange plate. Supply and install earthing for end poles and supply numbering of column on two sides including termination of Street Lighting Cables inside the column.  Note: Specific ASHGHAL approval shall be obtained for LED luminaires  Single arm bracket up to 2.5 m with 1 No. LED luminaire matching the lumen output of 250W HPSV Luminaire	NR	95	1,265.00	119,225.00	1,050.00	99,750.00	1,280.00	121,600.00	1,050.00	99,750.00	1,050.00	99,750.00
ZF-L.G.289	(L) Street Lighting Works	Supply and Install - Columns & Luminaires  Supply and install column of heights, arms and luminaires as below, complete with control gear, lamps, cables, cut out and carry out connections from luminaire to cut out, testing & commissioning, supply and install PVC cap for anchor bolts, approved grouting material between foundation base and flange plate. Supply and install earthing for end poles and supply numbering of column on two sides including termination of Street Lighting Cables inside the column.  Note: Specific ASHGHAL approval shall be obtained for LED luminaires  8m high, one arm bracket up to 1.5m and one LED luminaire matching lumen output of 150W HPSV Luminaire	NR	298	905.00	269,690.00	746.00	222,308.00	991.00	295,318.00	750.00	223,500.00	746.00	222,308.00

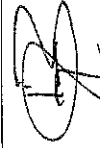
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**PRICE COMPARISON FOR STREET LIGHT LUMINAIRES (SUPPLY ONLY)**

Spectrum Electrical Products Factory / Schneider					Doha Kowate		DCA Trading		Budget					
Reference	Header	BOQ Description	Unit	Quantity	ORIGINAL		NEGOTIATED							
					Rate (QAR)	Amount (QAR)	Rate (QAR)	Amount (QAR)						
										Request Date: 4/10/2022	Request Date: 9/10/2022			
								Request Date: 8/10/2022	Request Date: 04/01/2023					
								Quotation Ref: 009/22/002-3	Quotation Ref: DK001001/2022	Quotation Ref:DCA-LD-KC-04/01/2023-QU0004(REV0)				
ZF.L.E.824	(U) Street Lighting Works	Supply & installation / Retrofit with LED luminaires  Supply and retrofit with prequalified LED luminaires having seven pin NEMA socket (as per specification) as a whole for retrofit of HPS luminaires of wattages given below, make all necessary disconnections & connections including testing and commissioning. Coordinate with control-communication Supply to install communication node on the luminaire or inside column as required and to ensure communication between controller and luminaire. Deliver the removed materials to PWA stores; The selection of LED luminaire optic and wattage shall be as per the lighting design suitable for the class of road approved by the Engineer's Engineer.  Equivalent to 150W HPSV Luminaire	NR	277	905.00	250,985.00	746.00	205,642.00	991.00	274,507.00	750.00	207,750.00	746.00	205,642.00
ZF.L.E.825	(U) Street Lighting Works	Supply & installation / Retrofit with LED luminaires  Supply and retrofit with prequalified LED luminaires having seven pin NEMA socket (as per specification) as a whole for retrofit of HPS luminaires of wattages given below, make all necessary disconnections & connections including testing and commissioning. Coordinate with control-communication Supply to install communication node on the luminaire or inside column as required and to ensure communication between controller and luminaire. Deliver the removed materials to PWA stores; The selection of LED luminaire optic and wattage shall be as per the lighting design suitable for the class of road approved by the Engineer's Engineer.  Equivalent to 250W HPSV Luminaire	NR	149	1,255.00	186,995.00	1,050.00	156,450.00	1,280.00	190,726.00	1,050.00	156,450.00	1,050.00	156,450.00
TOTAL						826,985.00		685,150.00		882,145.00		687,450.00		685,150.00

NOTES:

Payment Terms:	30% Advance, Balance prior to Delivery	20% Advance Against Advance Payment Guarantee, Balance Amount by 45 days PDC against delivery.	30% Advance, 70% by L/C.	CASH IN ADVANCE
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Procurement Engineer



Finance Manager



General Manager

Proposed Supplier & Reason: Spectrum Electrical Products Factory / Schneider  
Lowest Price