

SUMMARY OF ELECTRICAL WORK:

1. Skatepark light to be installed for Dalhousie Skatepark. The light will consist of 1 x VP-80 Luminaire installed adjacent to the skatepark. The Contractor shall be responsible for liaising with Manitoba Hydro for the installation of a Customer Service Point at the light standard west of the main path into the park area.

MANITOBA HYDRO CONTACT: Herb Wiebe 204.360.5784
2. Post top luminaire to be vandal-resistant SDL lighting VP80-LR5-53L-120V-A11-8G. Luminaire to be mounted on 4.6 meter (15') steel pole, refer to pole detail 1. Pole to be installed on poured concrete bases, refer t detail 1. Note that base to extend 50mm above grade.
3. The Contractor shall be responsible for all costs and provide all requirements of Manitoba Hydro to provide a connection to the existing MB Hydro boulevard light standard.
4. Luminaire location be confirmed by the Contract Administrator (Nadia Selby) prior to commencing work.
5. The Contractor shall inform the Contract Administrator (CA) at least five days in advance of pouring the concrete base to allow the CA to verify location and witness processes. The Contractor to also inform the CA at least five days in advance of the trenching to allow the CA to witness the processes.
6. All dimensions in meters unless otherwise noted.

GENERAL

1. The electrical syster shall comply wih the requirements of the latest edition of the Canadian Electrical Code (CEC) and with all Provincial and Municipal laws, rules and ordinances.
2. The Contractor shall provide all materials, labour and equipment necessary for installing, testing and placing complete electrical system.
3. Examine all plans and specifications pertaining to this contract. Notify Contract Administrator of errors or omissions before submitting the price. Failing such notification, the Contractor shall meet all such requirements without extra cost to the City.
4. The Contractor shall obtian all necessary permits, pay all necessary fees and give all necessary notices.
5. All work completed shall be accomplished in a first class & workman like style.
6. All equipment supplied under this contract shall be new and shall be CSA and locally approved.
7. All work shall be laid out in its mechanical appearance. It shall be logically arranged for simplicity of accessibility and electrical efficiency.
8. The Contractor shall provide Lamacoid nameplates for all electrical distribution equipment/devices and shall mount the nameplates on all equipment to indicate function, voltage and power of devices.
9. This specification is not intended to restate the applicable codes. The Contractor shall be responsible for all equipment, material and labour necessary for the work required for this project.
10. The Contractor shall examine the conditions of the site and shall be responsible for all equipment, materials and labour necessary for the work required for the project
11. Prior to scheduling the final inspection, the Contractor shall ensure that all the work is completed and in particular that operation and maintenace manuals are completed, all nameplates installed, verification tests have been done and certificates have been received that indicate work installed conforms to all requirements.
12. All trees within the construction area must be protected for the duration of the construction period in accordance with Section 3.19 (CW1130 Site Requirements) City of Winnipeg Standard Construction Specifications.

TRENCHING

If the Contractor is to provide trenching required to power luminaire, depth to be minimum 600mm as per electrical code; wiring to be direct-bury RWU; provide minimum 150mm sand above and below wiring; mantain accurate locations of trenching for inclusion on as-built drawings. Contractor to coordinate trenching with Contract Administrator. Contractor to provide soil compaction to 95% proctor density, re-sod as required in accordance with the City of Winnipeg Standard Construction Specifications CW3150 to return area to original condition.

DIRECTIONAL BORING

If the Contractor is to provide directional boring required to power luminaire, depth to be minimum 600mm as per electrical code; wiring to be direct-bury RWU; maintain accurate locations of trenching for inclusion on as-built drawings. Contractor to coordinate trenching with Contract Administrator. Contractor to provide soil compaction to 95% proctor density, re-sod as required in accordance with the City of Winnipeg Standard Construction Specifications CW3150 to return area to original condition.

DELIVERABLES

1. The Contractor shall maintain on set of plant at the job sitewhich he shall clearly note all changes or deviations from the contract document as the job progresses. The Contractor shall submit three sets of as-built drawings to the Contract Administrator on completion of the job.
2. The Contractor shall provide three copies of Operations & Maintenance (O & M) manuals. The O & M manuals shall be in accordance with the requirements of Technical Bulletin #15 issued by the joint MAA/WCA committee and the contract General Conditions. The Contractor shall submit one preliminary copy prior to the completion of work, revise as directed and submit final copies to the Contract Administrator.

LAYOUT

1. The Contractor shall layout all work, establishing all lines, levels and centres and shall assume responsibility for any errors resulting from failure to use adequate caution.

POLE

1. Pole to be 4.6 meters (15') high, steel, and to be primed and A11 textured black.
2. Bases to be poured concrete as per Detail 1.

CUSTOMER SERVICE

1. The contract shall commence at the customer service point and the Contractor shall be responsible for all labour and materials from that point on.
2. The City will be responsible for the costs and application permit from Manitoba Hydro to provide power up to the customer service point.

LIGHTING

1. Skatepark lighting shall consist of one (1) 53L LED 120v post top luminaire mounted on a 4.6 meter (15') steel pole.
2. Post top Luminaire shall meet the following criteria:
 - (A) CSA approved or ULC listed
 - (B) Suitable for wet location
 - (C) Heavy-duty spun aluminium housing
 - (D) Corrosion resistant hardware
 - (E) Heat and shock resistant polycarbonate lens
 - (F) Lamp shall be 120w LED
 - (G) Approved post top luminaire:
 - (I) VP80 LR5 53L120V A11 8G SDL Lighting Systems as per drawing;
 - (II) or approved equal in accordance with B7

CONTRACTOR TO CONFIRM ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION. LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.



THE CITY OF WINNIPEG
 Planning, Property and Development Department
 Planning and Land Use Division
 Unit 15 - 30 Fort Street, Winnipeg, MB, (R3C 4X5)

DESIGNED BY	NS	CHECKED BY	
DRAWN BY	NS	APPROVED BY	MANAGER, PARK AND OPEN SPACES
HORIZ. SCALE	nts		DATE
VERT. SCALE			
DATE	FEBRUARY 2018		MANAGER, PLANNING AND LAND USE DIVISION

DRAWING TITLE	DRAWING NO.
Dalhousie Skatepark Path Renewal & Lighting	D.42 - F.03
Notes	
SITE ADDRESS	BID OPPORTUNITY NO.
205 Killarney Avenue	629-2017