



CITY OF HOLLYWOOD, FLORIDA

PROCUREMENT SERVICES DIVISION

Sole Source Justification Form (Use for Purchases(s) over \$5,000)

Per City of Hollywood Ordinance § 38.41 (C) (2), sole source purchases are exempt from competitive bid and competitive proposal requirements. Sole-source goods, supplies, materials, equipment and services, such as unique, patented, or franchised goods, supplies, materials, equipment or services, are exempt if the CPO Determines, after conducting a good faith review of available sources, that the particular supply or service is available from only one source.

Date: November 16, 2021

Department/Office: Public Works

Division/Area: Fleet Maintenance

Requestor: Joel Wall/ Peter Bieniek

Title: Fleet Superintendent/ Public Works Director

Phone: 954.967.4555 / 954.967.4526

Email: jwall@hollywoodfl.org/ pbieniek@hollywoodfl.org

1. Requested Vendor: Python Manufacturing Ltd.

Vendor Number: 102692

Address: 1891 Albert St. N., Regina SK, Canada S4R8R7

Contact Person: Hans Yoo

Title: Regional Sales Manager

Phone: 306.337.6237

Email: sales@superiorroads.com

2. Product/Service being requested (be specific): Python 5000 Asphalt Pothole Patching Machine.

3. Detailed description of the product/service's function and purpose: The Python 5000 Asphalt Pothole Patching Machine can streamline repair requests for patching potholes throughout the City of Hollywood by being proactive on repairs instead of reactive on repairs.

4. Please explain in detail why this vendor is the sole source supplier for the required product/service. Be sure to explain the necessary features this vendor provides which are not available from any other vendor.

Superior Roads Solutions is the only company that manufactures the Python 5000 Asphalt Pothole Patching Machine with all-in-one equipped roller, compactor, front raker, and asphalt dispenser (temperature controlled) controlled inside the cab, utilizing one operator. This unit also enhances worker safety by eliminating the risk of several employees working on the roads.

5. Please explain in detail what process the Department/Office took to verify that there are no other vendors or products/services available to perform the required function.

This equipment was the only product on the market with multiple functions all-in-one that one employee can operate without a team of 3 employees, thus reducing the work force and streamlining the repairs in a more efficient process in less time.

6. Please submit supporting documentation from the vendor or other sources certifying that this vendor is a sole source for the required product/service being requested. For example, the vendor holds the distribution rights, productions rights, copyrights, trademark and/or patent:

☒ Vendor holds the exclusive rights for the product/service.

☒ Vendor is the sole provider of the product/service that has unique characteristics essential to the required function which no other product/service is capable of satisfying.

☐ Product is replacing existing product and necessary to maintain warranty or service contract.

☐ Product is replacing existing product and is not interchangeable with any other product.

☒ Other (Please explain). Product is a newer technology equipment that enables one employee to operate several functions in this all-in-one equipment, that currently the operation requires three pieces of equipment and three employees.

7. Total cost of the requested product/service? \$458,180.44

8. Total estimated annual (fiscal year) cost of requested product/service? \$458,180.44

Account Number(s) #334.509901.51900.564530.001506.000.000

9. Is this product/service covered by a warranty? ☒ Yes ☐ No

If yes, please attach a copy of the warranty details.

REQUESTING DEPARTMENT RECOMMENDATION

WARNING: Per Florida Statutes 838.22(2) – “It is unlawful for a public servant or a public contractor who has contracted with a governmental entity to assist in a competitive procurement to knowingly and intentionally obtain a benefit for any person or to cause unlawful harm to another by circumventing a competitive solicitation process required by law or rule through the use of a sole-source contract for commodities or services.”

I recommend that the competitive quoting/bidding process be waived and that the goods/services be purchased as a sole source.


Requestor's Signature

11/16/21
Date


Director's Signature

11/16/21
Date

Date: November 11, 2021
REF: NAP-21-038 Rev1

SOLE-SOURCE LETTER

To Whom It May Concern,

This letter is to confirm that Python Manufacturing Ltd (dba SuperiorRoads Solutions) is the only company that manufactures the Python pothole patching machine. Unlike other self-propelled pothole patching machines, the Python can utilize either hot or cold mix and does not depend on a specific proprietary mix.

The Python is unique because it is the only machine that is equipped with a roller compactor that is controlled inside the cab. The attached front rake moves forward to guide the asphalt mix into the pothole. The operator can visually control the amount of asphalt mix to be poured and any excess can be spread across with the roller compactor. The V-Rakes on the side can also be controlled from the cab to tackle long line cracks. The roller is kept smooth with a built-in water spraying system.

The hopper is heated with engine exhaust that enables the operator to control the temperature of the hopper to maintain the heat of the hot mix and to make cold mixes pliable. The Python does not require proprietary chemicals from us for cleaning the hopper and the machine.

Should you have any questions you can contact us at sales@superiorroads.com.

Best regards,

Kyung Tae Kang

A handwritten signature in black ink, appearing to read "Kyung Tae Kang".

General Manager & CFO
Python Manufacturing Ltd

WARRANTY POLICY

Python Manufacturing Ltd dba SuperiorRoads Solutions ("SRS") provides warranty to the original purchaser of a new SRS product to be free from defects in materials and workmanship that may cause performance failures, subject to the conditions stated herein.

1. GENERAL CONDITIONS

SRS will honour warranty claims provided:

- I. SRS limited warranty begins on the date and at the mileage / hours in-service when delivered to the Buyer. This will be designated as the in-service Date / Hours / Mileage.
- II. Basic Warranty Term: 12 months from delivery or 1500 hours of operation or 20,000 km whichever occurs first.
- III. The SRS product must be properly registered by the original equipment purchaser. Registration must be carried out within 45 days of the In-Service Date. Registration must be done by email via service@superiorroads.com. It is the obligation of the end-user to ensure the registration is received by SRS.
- IV. The failure must have occurred, be found and claimed to SRS within the warranty period and be covered under the terms of the warranty statement.
- V. All warranty jobs that are estimated to exceed \$200.00 must be pre-authorized by SRS. Claims less than \$200.00 are still subject to the conditions contained in this policy.
- VI. The repairs are made, and an authorized SRS dealer has submitted a warranty claim within 30 days of repair.
- VII. The unit has not been altered in any way without prior written approval by SRS.
- VIII. All warranty repairs reimbursable must be performed by an authorized dealer using SRS approved replacement parts.
- IX. Warranty claims must include detailed information of the failure including but not limited to photos, serial number, and description of the event.
- X. In certain circumstance SRS may be requiring proof of maintenance history. Warranty claim can be denied if this requirement is not met.

- XI. Warranty transfer shall not be considered for location change outside of the country where PHP was first purchased.
- XII. Parts sent out for warranty repairs will be invoiced on customer/dealer's account. Once the warranty claim has been properly submitted and approved an account credit will be processed.

2. PRE-AUTHORIZATION PROCEDURE FOR CLAIM CREDITS (Dealer/Distributor)

SRS shall credit the dealer/distributor's account in the following manner:

- I. LABOUR RATE: Warranty labour will be paid at the agreed dealer hourly rate.
- II. Any claim estimated to total more than \$200.00 must be pre-authorized by SRS' warranty department using the pre-authorization warranty form ("PAF")
- III. Send a copy of the Pre-Authorization Form to service@superiorroads.com. Be sure to identify the priority of the request. Ensure all the required information is included on the form.
- IV. SRS' service department will immediately review the requested repairs and return to you our authorization outlining what will be covered under warranty.
- V. PAF must include detailed information regarding the failure and its repair plan including but not limited to photos, troubleshooting procedure, estimated repair hours and repair details.
- VI. Attach a copy of the repair authorization to your warranty claim and submit both to our warranty department.
- VII. SRS will not honour any warranty claim totaling more than \$200.00 without a Pre-Authorization.

3. ITEMS NOT COVERED BY WARRANTY

- I. Pre-delivery services, service calls or after sales adjustments due to normal operations, including travel time/mileage.
- II. Repairs, modifications, or alterations to the machine without the express written consent of SRS.
- III. Normal wear parts such as rubber deflectors, filters, belts, brakes, or other wear parts.
- IV. Cab glass
- V. Items that, in the opinion of SRS, have been subject to misuse, negligence, accident or improper maintenance.
- VI. Rental costs incurred due to failure during warranty period.
- VII. Telephone charges and miscellaneous materials such as: paint, anti-freeze and minor accounts of grease and oil unless used for major repairs which will otherwise form part of the PAF
- VIII. Travel expenses to perform warranty service, except within the first 100 hours of operation.

4. GENERAL INFORMATION AND PROCEDURES

- I. Ensure warranty registration form has been sent in.
- II. Ensure warranty pre-authorization form has been submitted for repairs estimated to be greater than \$200.00.
- III. Keep all replaced parts for 180 days after mailing of claim. We retain the right to request that you retain failed parts for quality analysis. When returning parts for warranty, a Return Goods Authorization (RGA) number will be issued (RGA #) prior to the actual return of the parts. Please call the SRS service department for this number if one was not issued.
- IV. The RGA # must be clearly marked on the outside of the shipping box. Return transportation is the responsibility of the dealer/distributor.
- V. The claim will be processed within 15 days of receipt of the returned parts. In some extenuating circumstances, it becomes necessary for returned parts to be further tested. In the event this happens, you will be notified of the delay.

- VI. Policy adjustments: Out of warranty adjustments are reviewed on a case-by-case basis.

5. RETURN OF GOODS AUTHORIZATION PROCEDURE

- I. If parts are required for a unit under warranty, they will initially be invoiced to the dealer. If SRS requires the failed parts back for warranty evaluation, a Returned Goods Authorization number (RGA #) will be issued for the return of the parts.
- II. The RGA # must appear on all shipping labels of parts being returned.
- III. All parts returned must be shipped, freight prepaid. SRS will allow 60 days from notification for all parts to be returned. After this date, the claim will be denied.
- IV. If you require RGA # and one was not issued, please contact SRS's service department.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANT LIABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

IT IS EXPRESSLY UNDERSTOOD THAT SRS WILL NOT BE LIABLE FOR ANY OTHER INJURY, LOSS, DAMAGE OR EXPENSE, WHETHER DIRECT OR CONSEQUENTIAL, INCLUDING BUT NOT LIMITED TO LOSS OF USE, INCOME, PROFIT OR PRODUCTION, OR INCREASED COST OF OPERATION, OR SPOILAGE OF OR DAMAGE TO MATERIAL, ARISING IN CONNECTION WITH THE SALE, INSTALLATION, USE OF, INABILITY TO USE, OR THE REPAIRED OR REPLACEMENT OF SRS PRODUCTS.

SRS RESERVES THE RIGHT TO MAKE CHANGES IN DESIGN OR TO MAKE ADDITIONS OR IMPROVEMENTS ON ITS PRODUCTS WITHOUT IMPOSING ANY OBLIGATION UPON ITSELF TO INSTALL THEM ON ITS PRODUCTS PREVIOUSLY MANUFACTURED

CSIO

CERTIFICATE OF LIABILITY INSURANCE

This certificate is issued as a matter of information only and confers no rights upon the certificate holder and imposes no liability on the insurer.
This certificate does not amend, extend or alter the coverage afforded by the policies below.

1. CERTIFICATE HOLDER - NAME AND MAILING ADDRESS

City of Hollywood

2600 Hollywood Blvd

Hollywood

FL

POSTAL
CODE

33020

2. INSURED'S FULL NAME AND MAILING ADDRESS

Python Manufacturing Ltd

705 - 1st Avenue

Regina

Saskatchewan

POSTAL
CODE

S4N 4M4

3. DESCRIPTION OF OPERATIONS/LOCATIONS/AUTOMOBILES/SPECIAL ITEMS TO WHICH THIS CERTIFICATE APPLIES (but only with respect to the operations of the Named Insured)

Pothole Patcher manufacturer and distributor.

4. COVERAGES

This is to certify that the policies of insurance listed below have been issued to the insured named above for the policy period indicated notwithstanding any requirements, terms or conditions of any contract or other document with respect to which this certificate may be issued or may pertain. The insurance afforded by the policies described herein is subject to all terms, exclusions and conditions of such policies.

LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

TYPE OF INSURANCE	INSURANCE COMPANY AND POLICY NUMBER	EFFECTIVE DATE YYYY/MM/DD	EXPIRY DATE YYYY/MM/DD	LIMITS OF LIABILITY (Canadian dollars unless indicated otherwise)		
				COVERAGE	DED.	AMOUNT OF INSURANCE
COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE OR <input checked="" type="checkbox"/> OCCURRENCE <input checked="" type="checkbox"/> PRODUCTS AND / OR COMPLETED OPERATIONS <input type="checkbox"/> EMPLOYER'S LIABILITY <input checked="" type="checkbox"/> CROSS LIABILITY <input checked="" type="checkbox"/> TENANTS LEGAL LIABILITY <input type="checkbox"/> POLLUTION LIABILITY EXTENSION	Zeus Brokers - B1182ENHGNL2020	2021/01/02	2021/12/02	COMMERCIAL GENERAL LIABILITY	\$5,000	
				BODILY INJURY AND PROPERTY DAMAGE LIABILITY		
				- GENERAL AGGREGATE		\$5,000,000
				- EACH OCCURRENCE		\$5,000,000
				PRODUCTS AND COMPLETED OPERATIONS AGGREGATE		\$5,000,000
				<input checked="" type="checkbox"/> PERSONAL INJURY LIABILITY		\$5,000,000
				OR		
				<input checked="" type="checkbox"/> PERSONAL AND ADVERTISING INJURY LIABILITY		\$5,000,000
				MEDICAL PAYMENTS		
				TENANTS LEGAL LIABILITY	\$250	\$5,000,000
				POLLUTION LIABILITY EXTENSION		
<input checked="" type="checkbox"/> NON-OWNED AUTOMOBILES <input type="checkbox"/> HIRED AUTOMOBILES	Zeus Brokers - B1182ENHGNL2020	2021/01/02	2021/12/02	NON OWNED AUTOMOBILE		\$5,000,000
AUTOMOBILE LIABILITY <input type="checkbox"/> DESCRIBED AUTOMOBILES <input type="checkbox"/> ALL OWNED AUTOMOBILES <input type="checkbox"/> LEASED AUTOMOBILES ** ** ALL AUTOMOBILES LEASED IN EXCESS OF 30 DAYS WHERE THE INSURED IS REQUIRED TO PROVIDE INSURANCE				BODILY INJURY AND PROPERTY DAMAGE COMBINED		
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/>				BODILY INJURY (PER PERSON)		
				BODILY INJURY (PER ACCIDENT)		
				PROPERTY DAMAGE		
				EACH OCCURRENCE		
				AGGREGATE		
OTHER LIABILITY (SPECIFY) <input checked="" type="checkbox"/> Contingent Employers Liability	Zeus Brokers - B1182ENHGNL2020	2021/01/02	2021/12/02			\$5,000,000
<input checked="" type="checkbox"/> Cross Liability	Zeus Brokers - B1182ENHGNL2020	2021/01/02	2021/12/02			
<input checked="" type="checkbox"/> Severalability of Interest	Zeus Brokers - B1182ENHGNL2020	2021/01/02	2021/12/02			

5. CANCELLATION

Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavour to mail 30 days written notice to the certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives.

6. BROKERAGE/AGENCY FULL NAME AND MAILING ADDRESS

Knight Archer Insurance Ltd

512 Victoria Ave. E

Regina

SK

POSTAL
CODE

S4N 0N7

7. ADDITIONAL INSURED NAME AND MAILING ADDRESS

(but only with respect to the operations of the Named Insured)

City of Hollywood

2600 Hollywood Blvd

BROKER CLIENT ID:

Hollywood

FL

POSTAL
CODE

33020

8. CERTIFICATE AUTHORIZATION

ISSUER Knight Archer Insurance Ltd

AUTHORIZED REPRESENTATIVE Stefan Arnason

SIGNATURE OF
AUTHORIZED REPRESENTATIVE

CONTACT NUMBER(S)

TYPE Main NO. (306) 569-2288

TYPE Fax

NO. (306) 359-7177

TYPE NO.

TYPE

NO.

DATE November 22, 2021

EMAIL ADDRESS samason@knightarcher.com

PYTHON

5000 / 5000+
Pothole Patcher



A NEW APPROACH TO ROAD REPAIRS

SMOOTH
ROADS
AHEAD

Repair potholes at a fraction of the cost

Preserve the life of your roads for years

Produce clean, compacted, high-quality repairs in
under two minutes

Keep your workers safely out of the traffic

Use all year round in nearly all weather conditions

Protect vehicles, drivers and motorcycles from
damaging and life-threatening potholes

Use standard asphalt, hot or cold mix - no
need to buy and store special materials

 **SuperiorRoads**
SOLUTIONS

Does your road maintenance plan still fit?

Your network of roads is steadily growing, and the traffic on those roads is increasing exponentially. Your method of fixing potholes worked great 60 years ago. But how well does it fit your current infrastructure? It's time to look for new ways to keep your roads safe and well-maintained without breaking your budget.

Do you need to maintain traffic flow?

Don't disrupt traffic flow while repairing roads.

Our network of highways is the circulatory system of our economy. And when we restrict the flow of traffic, we're restricting its lifeblood.

The number of motor vehicles in the world topped the one billion mark in 2010. Every time you restrict the flow of that traffic, you are affecting the economy through lost productivity, late deliveries, and a ripple effect that can

result in losses that can't be recovered. And if you add in the effect of lost tempers and impatient drivers, those losses can multiply.

When you're using a Python pothole patcher, there's rarely a need to close all or part of a road. For lower traffic areas, the highly visible warning lights and arrows on the Python are all you need to alert drivers. On busier highways, you'll likely need accompanying vehicle(s) to control the flow of traffic around the Python. We refer to this as a rolling traffic closure.

That's a fact!

- In the United States alone, there are more than four million miles of roads.
- In 2015, nearly 3½ trillion vehicle miles were driven in the US.
- To mill and resurface a 4-lane road, it costs an average of \$1.25 million per mile. (\$800,000 per km)
- In the United States, from 2003 to 2015, 1,571 workers lost their lives at road construction sites, an average of 121 per year.
- India reported 11,386 lives lost to pothole related accidents from 2013 to 2016
- According to a 2009 report, rough roads add \$335 annually to typical vehicle operating costs for the average driver in the US. In urban areas, extra costs can be as high as \$746 annually.

California Transportation Study

Evaluating Automatic Pothole Patching Equipment, Caltrans Division of Research, Innovation and System Information (DRISI) February, 2015.

"During one deployment operation, workers were able to fill 75 potholes and seven longitudinal voids in two hours, demonstrating unprecedented pothole patching productivity and efficiency with minimal impact on road-way traffic by using rolling lane closures."

The research also determined that repairs produced by the Python outlasted all other methods covered by the study.

Would you like to save lives?

Keep your employees safely out of traffic and in the cab of a Python. Too many workers suffer critical or fatal injuries when working on the roads.

Don't let potholes grow while waiting for the perfect time and perfect weather. Repair them with a Python before they cause damage to vehicles and become a dangerous traffic hazard.

Help prevent deadly accidents caused by potholes. Motorcycle riders will love you for giving them a smooth, safe ride.

Do you want to save money?

Keep your roads in good repair for less money.

Your roads cost millions of dollars to build. Make sure they last. For every year that you extend the life of one of your roads, you'll save millions of dollars.

Repair potholes once – don't make temporary repairs that have to be re-done.

Repair potholes while they are small and prevent damage to the vehicles travelling on your roads.

What Python can help you avoid

- Reduce deadly accidents caused by potholes
- Reduce death or injury to road workers
- Reduce damaged vehicle lawsuits
- Delay need to resurface the roads



How do we compare?

Manual methods

- Two to four workers required
- Inefficient for smaller repairs
- Potholes usually left to grow for weeks or months
- Throw-and-go results are temporary
- Repair crews exposed to traffic
- Road blockages and major traffic restrictions required
- Estimated person-hours to repair 7,500 potholes = 1,875 hours
- Estimated labour cost @\$30/hr = \$168,750

Spray patchers

- Use inconsistent mix of emulsion & rocks, dependent on operator skills
- Require good weather
- No compaction
- Leave dangerous rocks and messy emulsion behind

Python Pothole Patchers

- Single operator
- Repair average-sized pothole in under 2 minutes
- Deal with potholes all year round
- Thoroughly compacted repairs outlast surrounding road
- Operators stay safely inside cab and away from traffic
- Require rolling traffic closure on only the busiest roads
- Estimated person-hours to repair 7,500 potholes = 250 hours
- Estimated labour cost @\$30 / hr = \$7,500

Python Pothole Patchers

- Use genuine asphalt - either hot or cold - produced with quality controls
- Operate well in nearly all weather
- Leave clean, compacted patches ready for immediate traffic



How the Python works

The operator fills the hopper with the asphalt mix of choice - either hot or cold. The hopper keeps the asphalt at the desired temperature by capturing heat from the engine exhaust.

Using in-cab controls, the operator positions the working arm over the top of the hole. An air jet nozzle blasts water, dust, gravel and other debris from the pothole, providing a clean contact area for the patching material. Depending on the conditions, the operator may decide to spray the area with an emulsive tack oil.

The auger system carries the required amount of asphalt mix from the hopper and delivers it to the pothole. The roller provides the finishing touches, compacting the asphalt and leaving behind a long-lasting patch that's superior to those created by manual methods.

The entire procedure takes less than two minutes for an average-sized pothole. The Python has sufficient warning lights so urban streets and smaller, lesser-travelled roads won't require any road closures. On busy freeways, an accompanying warning/crash truck can provide a rolling road closure.

SPECIFICATIONS

WEIGHTS - Python 5000

Gross weight- 28,220 lbs. (12,800 kg)

Curb weight: 18,000 lbs. (8,170 kg)

WEIGHTS - Python 5000+

Gross weight - 28,120 lbs. (12,760 kg)

Curb weight: 17,900 lbs. (8,120 kg)

DIMENSIONS

Wheel base: 114 in. (2,896 mm)

Overall width: 101 in. (2,565 mm)

Overall Height: 120 in. (3,048 mm)

Overall Length - Boom In: 256 in. (6,502 mm)

CAPACITY

Asphalt Mix: 9,920 lbs. (4,500 kg)

Tack Oil: 50 Gallons (189 litres)

Water Tank: 25 Gallons (95 litres)

Chemical Tank: 15 Gallons (57 litres)

ASPHALT TEMPERATURE CONTROL SYSTEM

Adjustable to 200°F (93°C)

OPERATOR CAB

Heater and Air Conditioner

Air Ride Operator Seat

Training Seat

2-SPEED TRANSMISSION

Hydrostatic Drive System, Capable of 50 mph (80 km/hr)

ENGINE – PYTHON 5000

Manufacturer: John Deere 4045 HF 485, EPA Tier 3

Power Rating: 173 HP (129 kW) @ 2400 rpm

ENGINE – PYTHON 5000+

Manufacturer: Cummins QSB 4.5, EPA Tier 4

Power Rating: 173 HP (129 kW) @ 2500 rpm

FUEL TANK CAPACITY

68.95 Gallons (261 Litres)

COMPACTION ROLLER

62 lbs/linear inch (11 kg/linear cm)

LIGHTING

Side Marker Lights, Arrow Board

Front & Rear Strobe Lights, Cab Mounted Work Lights

STEERING

Tilt Power Steering

BRAKES

4 Wheel Brakes, Hydraulic Assist Power Brakes with Electric Operated Fail-Safe System

SuperiorRoads Solutions / Python Manufacturing Ltd.

Python Manufacturing Inc. is the manufacturing arm of SuperiorRoads Solutions

1891 Albert St. N. P.O. Box 26082 Regina, SK S4R 8R7 Canada

www.SuperiorRoads.com Sales@SuperiorRoads.com

Ph: 306-33ROADS Fax: 306-337-6238



@SuperiorRoads



@SuperiorRoads

We are continuously improving our products. Design, specifications and material are subject to change without notice.

Printed in Canada 191118

Mr. Joel J. Wall
Fleet Superintendent

November 11, 2021
NAP-21-037 Rev3

City of Hollywood, FL
1600 S. Park Rd. Hollywood, FL. 33021

Tel.: 954-967-4555
Email: JWall@hollywoodfl.org

Subject: Offer for the Python 5000 Plus

Python Manufacturing Ltd DBA SuperiorRoads Solutions ("SRS") is pleased to submit a revised offer to City of Hollywood, FL ("Buyer") for the Python Pothole Patcher.

GENERAL TERMS

Offer Product	PHP 5000+ with Cummins Tier 4F Engine (Standard Orange)
Price & Validity	Price details and conditions on page 2 / Validity is 60 Calendar Days
Delivery Term	Ex-Works Regina (Buyer is responsible for arranging transportation from Regina)
Payment Term	50% of Contract upon PO / 50% of Contract upon Manufacturing Completion
Payment Method	Telegraphic transfer to a bank account in Canada designated by SRS
Delivery Period	6 months from payment date (parts availability may affect final completion date)
Warranty Period	12 months / 1500 hrs of operation / 20,000 km whichever comes first

* For warranty claim, Buyer is required to purchase the warranty parts in advance. Once SRS determines the failure is a warranty case, the approved amount will be given as credit for future purchase. Warranty is non-transferable to a different country and only applicable within the country where the machine was first sold.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential information of SRS. The Buyer shall keep SRS confidential and proprietary information in confidence and shall not disclose to any person or third party without the prior written approval of SRS.

Should you have any questions or comments, please feel free to contact me at (306) 551-3380 or at sales@superiorroads.com.

Sincerely Yours,

Python Manufacturing Ltd

PRICE BREAKDOWN

NAP-21-037 Rev3

No	Type	Description	Qty	Unit Price (US\$)	Total Price (US\$)
1	PHP	PHP 5000+ with Cummins Tier 4F Engine (Standard Orange)	1	400,000.00	400,000.00
2	Opt.	Boom Camera System	1	1,215.00	1,215.00
3	Opt.	Fire Extinguisher 5 lb (Cab Mounted)	1	274.29	274.29
4	Opt.	Fire Extinguisher 10 lb (Exterior)	1	480.43	480.43
5	Opt.	Tool Box & Accessories	1	520.00	520.00
6	Cons.	Belt Cleaning Brush	4	658.71	2,634.84
7	Cons.	Conveyor Belt	2	1,421.80	2,843.60
8	Opt.	4-Day Handover Training in Hollywood *	1	4,534.23	4,534.23
9	Opt.	Shipping from Regina to Hollywood, FL *	1	8,594.18	8,594.18
10	Opt.	Rear Air Cushion	1	10,630.00	10,630.00
11	Opt.	Custom Upgrade – Diesel Burner	1	5,214.19	5,214.19
12	Opt	Custom Upgrade – Air Blast in-cab control	1	4,254.55	4,254.55
13	Opt	Custom Upgrade – Air Blast extension	1	531.82	531.82
14	Opt	Custom Upgrade – FMVSS Compliant 2-CH Camera & Recording System	1	6,453.31	6,453.31
15	Opt	2-Year Extended Warranty (Total 3)	1	10,000.00	10,000.00
16	Std	Hopper Temp Controller / Reader (Please see next page for custom upgrades)	1	Included	0.00
TOTAL PRICE					458,180.44

*** The above shipping and training prices are for information only and based on today's rate. These prices are subject to change due to post COVID price volatility and will be firm once the respective execution dates are confirmed.**

INSPECTION

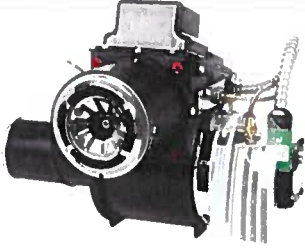






Prior to the manufacturing completion of the unit, Buyer shall be notified with expected manufacturing completion date. Buyer is entitled for one day inspection in Regina within 15 days from manufacturing completion date at Buyer's own expense. In the event where the Buyer is unable to perform the inspection within this period or if the Buyer does not provide SRS with any notice within this period, the inspection shall be deemed accepted by the Buyer and SRS is entitled to invoice the Buyer. Either the Buyer or SRS may elect to conduct the inspection via online video conferencing tool or video recordings depending on the circumstance at the time of inspection.

HANDOVER TRAINING

A typical handover training is composed of one-day, on the job training delivered to the Buyer's operator and mechanic, providing best practices, demonstrations with the sold unit, and responses to questions related to the operation and maintenance of the patcher.

SRS is not responsible for any registration, licensing, permits to patch potholes, nor any other requirement from local authorities. It is understood that the Buyer will be providing all necessary arrangements to run the training outside of Regina.

Buyer Requested Custom Upgrades & Extended Warranty

Item	Description	
Additional Hopper Heating System		A new heating element to be designed, engineered and tested to replace the existing "emergency electric heater" to provide additional heating source to the asphalt mix in the hopper. This job entails an addition of a new diesel burner, diverter valve assembly, mounting brackets, flame duct, fuel hose, pipeline, electrical harness and software development.
Air Blast Pressure Control		The current system is not equipped with a regulator to control the pressure. The new system will enable the operator to adjust the air blast pressure through the dash controller inside the cab. Electro-pneumatic pressure control valve, digital pressure gauge, communication module, harness work and software development are required to realize this design upgrade.
Modification of Air Blast Nozzle Direction		The existing Air Blast Nozzle is to be modified and extended to face the rake/roller instead of blowing air from right to left.
2-CH Recording System		This added system will be equipped with FMVSS 111 field of view compliant 2 channel camera with a dedicated recording device and a 9-inch display system. The camera has IP69K and 7G rating to withstand power washing and harsh vibration. It includes manufacturer's 128GB SD card.
2-Year Extended Warranty	 	The total duration of warranty shall be 3 years with unlimited mileage including Cummins engine and aftertreatment. <u>Cummins engine warranty require (from year 2) \$200 deductible per unique occurrence.</u> Warranty is for parts and labor only and does not cover wear or wearout of covered parts. SRS is not responsible for incidental or consequential damages.
Hopper Temperature Reader		Included in our standard package

GENERAL SPECIFICATION

WEIGHTS (Approx.) – Python 5000

Gross Weight - 28,220 lbs. (12,800 kg)
Curb Weight: 18,000 lbs. (8,170 kg)

WEIGHTS (Approx.) – Python 5000+

Gross Weight - 28,120 lbs. (12,760 kg)
Curb Weight: 17,900 lbs. (8,120 kg)

DIMENSIONS

Wheel Base: 114 in. (2,896 mm)
Overall width: 101 in. (2,565 mm)
Overall height: 120 in. (3,048 mm)
Overall length (boom in): 256 in. (6,502 mm)

CAPACITY

Asphalt: 9,920 lbs. (4,500 kg)
Tack Oil: 50 Gallons (189 litres)
Water Tank: 25 Gallons (95 litres)
Chemical Tank: 15 Gallons (57 litres)

HOPPER TEMPERATURE CONTROL SYSTEM

Adjustable to 200°F (93°C)

OPERATOR CAB

Heater and Air Conditioner
Air Ride Operator Seat
Training Seat

FUEL TANK CAPACITY

69 Gallons (261 Litres)

ENGINE – Python 5000

John Deere 4045 HF 485, EPA Tier 3
Power Rating: 173 HP (129 kW) @ 2400 rpm

ENGINE – Python 5000+ *

Cummins QSB 4.5, EPA Tier 4 Final/EU Stage IV
Power Rating: 173 HP (129 kW) @ 2500 rpm

COMPACTION ROLLER

62 lbs./linear inch (11 kg/linear cm)

LIGHTING

Side Marker Lights, Arrow Board
Front & Rear Strobe Lights, Cab Mounted Work Lights

STEERING

Tilt Power Steering

BRAKES

4 Wheel Drum Brakes, Hydraulic Assist Power Brakes
with Electric Fail-Safe System

TIRES

Front: 11R22.5
Rear: 315/80/R22.5

2-SPEED TRANSMISSION

Hydrostatic Drive System, Capable of 50 mph (80 km/hr) unless limited to comply with local regulations.

Python pothole patchers are built as construction equipment and VIN (Vehicle Identification Number) will not be provided. Buyer is responsible for registering the unit to the local authorities if required.

* This engine is **required** to operate on ULSD (Ultra Low Sulfur Diesel). Ultra-low sulfur diesel (ULSD) fuel is defined as diesel fuel not exceeding 0.0015 mass percent (15 ppm) sulfur content.

TYPICAL FEATURES

NAP-21-037 Rev3

Hot Mix Usage



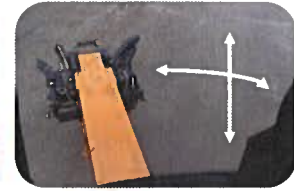
One Person In Cab Operation



Hopper Heating System



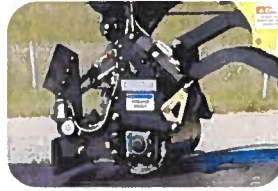
Wide Patching Range



Cold Mix Usage



Roller Compaction



V-Guide Crack Patching



All Year Round



Front / Boom



Left Side



Right Side

NAP-21-037 Rev3



Rear Side



Typical Patching Process



Factors that DO NOT significantly affect pothole patching process with a Python 5000:

- Small amount of water and rain
- Small amount of snow
- Small amount of debris
- Ambient temperature
- Depth of the hole
- Use of tack oil or bonding liquid
- Cold or Hot Mix