Coouitlam

City of Coquitlam

Request for Proposals RFP No. 24-014

Design and Manufacture of One (1)

Aerial Platform Apparatus

Issue Date: January 31, 2024

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PROPOSAL SUBMISSION FORM

Appendix A – Base Aerial Platform Apparatus Specification Worksheet

Appendix B – Optional Portable Equipment

SUMMARY OF KEY INFORMATION

RFP Reference	RFP No. 24-014			
KFP Keterence	Aerial Platform Apparatus			
Overview of the Opportunity	The purpose of this RFP is to invite Proposals from qualified firms to design and manufacture One (1) Aerial Platform Apparatus and provide ongoing maintenance, repair and support services.			
Closing Date	2:00 pm local time			
and Time	Thursday, February 29, 2024			
	Proposal submissions and Microsoft Excel appendices should be submitted in the original format (MS Word and MS Excel) and any other supporting documents are to be consolidated into one PDF file and uploaded through QFile, the City's file transfer service accessed at website: <u>qfile.coquitlam.ca/bid</u>			
Instructions for Proposal Submission	 In the "Subject Field" enter: RFP Number and Name Add files in .pdf format and Send (Ensure your web browser remains open until you receive 2 emails from QFile to confirm receipt.) 			
	Phone 604-927-3037 should assistance be required.			
	The City reserves the right to accept Proposals received after the Closing Date and Time.			
Obtaining RFP Documents	RFP Documents are available for download from the City of Coquitlam's website: <u>https://www.coquitlam.ca/Bid-Opportunities</u>			
	Printing of RFP documents is the sole responsibility of the Proponents.			
Instructions to Proponents The guidelines for participation that will apply to this RFP are posted on the City's we				
Questions	The deadline for questions is 2:00 PM local time, Friday, February 23, 2024. Questions received after this date and time may not receive a response. Send questions to: <u>bid@coquitlam.ca</u> referencing the RFP name and number.			
Addenda	Proponents are required to check the City's website for any updated information and addenda issued, before the Closing Date at the following website: <u>https://www.coquitlam.ca/Bid-Opportunities</u>			
Withdrawal of Submission	Proposals may be withdrawn by written notice only, made by an authorized representative of the Proponent sent to email: <u>bid@coquitlam.ca</u> prior to the Closing Date and Time.			
Terms and Conditions of Contract	City of Coquitlam <u>Standard Terms and Conditions - Purchase of Goods and Services</u> are posted on the City's website and will apply to the Contract awarded as a result of this RFP.			

DEFINITIONS

"Agreement" "Contract" means the City Purchase Order that will be issued to formalize with the successful Proponent through negotiation process with the City based on the Proposal submitted and will incorporate by reference the Request for Proposals, Specifications, Drawings, any additional subsequent information, any addenda issued, the Proponent's response and acceptance by the City

"CFR" means City of Coquitlam Fire Rescue

"City" "Owner" means City of Coquitlam

"**Price**" means the amount that will be paid by the City to the Vendor for delivery and acceptance of goods and Services

"Proponent" means responder to this Request for Proposals

"Proposal" means the submission by the Proponent.

"Request for Proposals" "RFP" shall mean and include the complete set of documents, specifications and addenda incorporated herein, and included in this Request for Proposals

"Services" "Work" "Works" means and includes the provision by the successful Proponent of all services, duties, and expectations as further described in this RFP. This will also mean the whole of the work, tools, materials, labour, equipment, travel, and all that is required to be done, furnished and performed by the Vendor

"Shall" "Must" "Will" "Mandatory" means a requirement that must be met

"Supply" "Provide" shall mean supply and pay for and provide and pay for

"Vendor" means the successful Proponent awarded the contract for the supply of goods and provision of Services described in this RFP. The Vendor agrees to carry out all duties, obligations, Work and Services outlined in this RFP, and include all associated documentation, addenda, and mutually agreed revisions subsequent to submission of a Proposal. Both "Vendor" and "Proponent" are complementary in terms of duties, obligations and responsibilities requested at the RFP stage through to provision of the goods and Services.

1 INSTRUCTIONS TO PROPONENTS

1.1 Acknowledgement

The City acknowledges with gratitude and respect that the name Coquitlam was derived from the hən'qʻəmin'əm' word kwikwəl̈dəm (kwee-kwuh-tlum) meaning "Red Fish Up the River". The City is honoured to be located on the kwikwəl̈dəm (Kwikwetlem) traditional and ancestral lands, including those parts that were historically shared with the sq'əcïy'a?I təməxw (Katzie), and other Coast Salish Peoples.

1.2 Purpose

The purpose of this RFP is to invite Proposals from qualified, experienced companies to design and manufacture One (1) **Aerial Platform Apparatus** and provide ongoing maintenance, repair and support services for CFR.

Equipment shall be new and that which has never been owned except by a manufacturer, distributor or dealer and has never been registered.

The City is seeking to select a qualified Vendor that has the knowledge, technical resources, experience, reputation and capacity to design, manufacture, deliver and provide continuous support and service for the Aerial Platform Apparatus.

The Fire Truck and equipment offered must provide optimum performance to be utilized at capacity on a consistent basis at extreme/various elevations in adverse geographical and weather conditions.

Refer to the following for more detailed information:

- Section 3 Scope of Services
- Appendix A Base Aerial Platform Apparatus Specification Worksheet
- Appendix B Optional Portable Equipment

The City intends to award to the Proponent who submits a Proposal which, in the sole opinion of the City, represents the best overall value.

1.3 Additional Information and Site Inspections

The City may request one or more Proponents provide additional information, details or technical information.

The City may request a site inspection of the manufacturer's production facility and a site inspection of the local repair and maintenance facility.

The additional information and site inspections will be considered in the evaluation.

1.4 Proposal Submission

Proponents should complete and submit the information requested in this RFP document on the <u>Proposal Submission Form</u> and <u>Appendix A – Base Aerial Platform Apparatus Specification</u> <u>Worksheet</u> or in a format that has been approved and is acceptable to the City.

1.5 Instructions to Proponents

Proponents are advised that the rules for participation that will apply to this RFP are located: <u>Instructions to Proponents.</u>

By submission of a Proposal in response to this RFP, the Proponent agrees and accepts the rules by which the bid process will be conducted.

The City will not be responsible for any delay or for any submission not received for any reason, including technological delays or issues by either party's network or email program, and the City will not be liable for any damages associated with submissions not received.

1.6 Specifications and Alternatives

Wherever the specifications state a brand name, make, name of manufacturer, trade name, or supplier catalogue number, it is for the purpose of establishing a grade or standard. It is not intended to rule out competition from equal brands or makes. If equipment other than that specified is offered, it is the Proponent's responsibility to provide information in its Proposal that enables the City to confirm equivalency and acceptance.

Except where stated otherwise, <u>Appendix A – Base Aerial Platform Apparatus Specification</u> <u>Worksheet</u>, describes what is considered necessary to meet the performance requirements of the City and Proponents should consider this in its Proposal. If the Proponent cannot meet specifications, the Proponent may identify and offer an alternative which it believes to be an equal or better alternative.

Proponents shall clearly indicate any variances from the City's specifications and attach descriptive literature.

Proponents may also propose alternative equipment which meets the majority of the specifications if it is immediately available for delivery. The City will review proposed alternative equipment for suitability in order to take delivery sooner; however, the City is not obligated to accept any alternatives. The City will determine what constitutes acceptable deviations and overall best value.

Proponents are to provide environmentally efficient equipment and services wherever possible. If there are known alternatives or substitutions for such materials that would mitigate the effects of any adverse conditions on the environment, the Proponent agrees to advise the City of such alternatives or substitutions.

1.7 <u>Requested Departures</u>

The Proponent acknowledges that the departures requested in the Proposal Submission Form will not form part of the Contract unless and until the City specifically consents in writing to any of them. The City may not consider any departures not stated in the Proponent's Proposal Submission.

1.8 Evaluation Criteria

Evaluation Criteria of each proposal will be determined in accordance with the following:

Proposal Evaluation Summary	Maximum Points to be Awarded
Corporate	30
Sustainable Benefits and Social Responsibility	10
Technical	30
Financial	30
Total	100

The criteria for evaluation of the Proposals may include, but is not limited to:

Corporate

- Business and technical reputation and capabilities; experience, financial stability, capacity and resources
- Value added benefits
- Demonstration unit
- Payment Options
- Performance Assurance
- References from other departments with an emphasis on a Fire Truck which is as close as possible to the specifications as the one being proposed

Sustainable Benefits and Social Responsibility

- Sustainable benefits
- Reconciliation
- Social responsibility

Technical

- Compliance with the specifications
- Build options, draft build sheet with price breakdown, quality, configuration, and technical information
- Safety
- Design build methodology, work plan, inspections, progress and tracking capabilities, reports and inspections
- Quality Assurance
- Build meeting and inspections
- Training and manuals
- Delivery lead time
- Key facility location
- Local support and parts availability
- Local service and inspection facility
- Demonstration of detailed graphics/ designs
- Warranties

<u>Financial</u>

• Financial offer including, but not limited to, prices, operating and maintenance costs, warranty, payment options, currency conversion options if applicable, and any life cycle considerations

These criteria will be used to determine best overall value to the City. Proposals will be compared to select one or more that are most advantageous.

And, upon selection of one or more lead Proponent(s):

- References may be contacted
- Interviews may be conducted

The City reserves the right to check references even if they are not specifically listed. Information obtained from references will be confidential and will not be disclosed to any Proponents.

These criteria will be used to determine best overall value to the City as well as any other criteria that may become evident during the evaluation process.

The City may, at its discretion, request clarification or additional information from a Proponent with respect to any Proposal and the City may make such requests to only selected Proponents. The City may consider such clarifications or additional information in evaluating a Proposal.

Incomplete Proposals or Proposals submitted on forms other than the Proposal Form may be rejected.

Proponents agree the City may disclose names of Proponents and total award amount, however, unevaluated results, unit prices, rates or scores will not be provided to any Proponents.

The City reserves the right to reject without further consideration any Proposal which in its opinion does not meet the criteria it considers essential for the work outlined in this RFP.

Where only one Proposal is received, the City may reject such and re-issue the RFP on a selected basis.

1.9 Eligibility

For eligibility, and as a condition of award, the successful Proponent would be required to meet or provide the equivalent:

a) Accept the City's standard Terms and Conditions posted on the City's website: <u>Standard</u> <u>Terms and Conditions - Purchase of Goods and Services</u>

Above item is not required as part of this Proposal Submission but will be required prior to entering into an agreement with the City for Services.

1.10 Prices & FOB Point

Prices shall be stated in Canadian or U.S. funds for the equipment described in <u>Appendix A –</u> <u>Base Aerial Platform Apparatus Specification Worksheet</u> with pricing options shown separately. Net unit price shall be shown on the Proposal Form. PST, GST, Environmental Taxes and Levies are to be shown separately. All other taxes, duties, insurance in freight, shall be included in the net price.

Prices shall include the provision of all tools, materials, equipment, labour, transportation, fuel, supervision, management, overhead, materials, traffic control, services, all necessary packing and crating (where applicable), Canadian Customs import and export duties, freight, handling, insurance, all other associated or related charges, foreign, federal, provincial and municipal taxes, bonding costs, all licences, permits, inspections and all other requirements necessary for the commencement, performance and completion of Services as described.

The lowest price of any Proposal will not necessarily be accepted but will be analyzed to determine best overall value.

1.11 Negotiation

The City reserves the right, prior to Contract award, to negotiate changes to the Fire Truck or to the Contract documents (including pricing to meet budget) with the Proponent or any one or more proponents, proposing the "best value" without having any duty to advise any other proponent or to allow them to vary their proposal as a result of changes to the scope of the services or to the contract documents; and the City may enter into a changed or different contract with the proponent(s) proposing the "best value", without liability to proponents who are not awarded the contract.

1.12 Acceptance of Proposals

The City reserves the right to waive formalities in, accept or reject any or all Proposals, cancel this RFP, or accept the Proposal deemed most favourable in the interest of the City.

The City reserves the right to accept or reject any or all Proposals. The lowest Proposal may not necessarily be accepted, rather will be analyzed to determine best overall value to the City.

The City reserves the right to cancel this RFP at any time without recourse by the Proponent.

No alterations, amendments or additional information will be accepted after the closing date and time unless invited by the City.

Should a Proposal be accepted, a purchase order will be placed for the provision of the Fire Truck.

2 CONDITIONS OF CONTRACT

2.1 Terms and Conditions of Contract

Award will be confirmed by issue of a City Purchase Order (PO) incorporating the information contained in this RFP.

The City's <u>Standard Terms and Conditions - Purchase of Goods and Services</u>, as published on the City's website, the Conditions listed in this RFP, along with the accepted Proposal, addenda and any subsequent clarifications, correspondence, the totality of which will constitute the Contract.

The following general conditions will also apply to this Contract. Proponents are to include with their Proposal submission a full description of any deviations if they are unable to comply with any of these general conditions.

2.2 Title, Risk of Loss, Freight

Title of goods received under this Contract shall remain with the Vendor until they are delivered to the address specified and transfer of title is executed by the City.

The Vendor agrees to bear all risks of loss, injury, or destruction of goods and materials ordered herein which occur prior to delivery and acceptance.

The Vendor shall be responsible for customs clearance and payment of any duties and/or taxes owing at time of importation into Canada, as applicable.

2.3 Ownership of Documentation

All design information, data plans, drawings, specifications, reports, estimates, summaries, photographs, computer generated designs and all other documentation prepared by the Vendor in connection with the provision of Services under the Contract, whether they be in draft or final format, shall become the property of the City.

2.4 **Quality and Workmanship**

The quality and workmanship of the completed delivered product must meet or exceed that of any sample, demo unit, or any other representation made by the Vendor prior to delivery. Special consideration shall be given to the following points: Accessibility of the various units which require periodic maintenance, inspection and ease of operation (including pump, torque box and driving and symmetrical proportions. Construction shall be rugged and ample safety factors shall be provided to carry the loads specified and to meet both on and off road requirements and speed conditions as set forth under Performance Tests and Requirements. All welding shall meet American Welding Society or Canadian Welding Bureau current standards. The Vendor is to confirm welding standards and provide evidence of welding certification of employees.

2.5 Indemnity

The Vendor shall indemnify and save harmless the City from and against all losses and all claims, demands, payments, suits, actions, recoveries and judgements of every nature and description brought or recovered against him and/or the City, by reason of any act or omission

of the Vendor, its agents, Sub-Vendors or employees in the performance of the Services or in the execution of the work.

2.6 Inspection Certification

The complete Fire Trucks shall be certified and tested to the ULC *Automobile Fire fighting Apparatus Standard*, CAN/ULC-S515-13, by Underwriters Laboratories Inc. / Underwriters Laboratories of Canada, and the vehicle shall bear the ULC Mark, indicating compliancy to the standard.

2.7 <u>Law</u>

This Contract shall be governed by and construed in accordance with the laws of the Province of British Columbia, Canada, which shall be deemed the proper law hereof.

2.8 <u>Pre-delivery Inspection</u>

A road performance test, pump test, foam delivery test and general operation inspection must be performed prior to delivery at the manufacturer's facility.

The City will attend this inspection.

Certificates of third party testing of the pumps must also be available for inspection.

2.9 <u>Pre-delivery Services</u>

The Fire Truck shall be delivered clean and shall be complete with all equipment required for the Fire Truck to be operable. The delivered Fire Truck and components will be inspected for compliance with the approved design and current NFPA 1901 standards and previously authorized exceptions.

The checklist developed during the pre-delivery inspection at the manufacturer's site will be used to verify that all items previously identified, as deficient/defective/unacceptable were corrected/replaced.

The Fire Trucks and components will only be accepted by the City upon successful completing of all required tests and delivery of all specified equipment.

Equipment items not delivered at the time of tests or construction not in conformance with the requirements will be cause for the City to withhold payment.

2.10 Transfer of Ownership and Insurance Documents

At least one week prior to delivery, the Vendor will contact the City Fleet Superintendent to collaborate on time and date of delivery to allow for City staff to attend and complete a delivery inspection at City of Coquitlam, Fleet Services department, at 500 Mariner Way, Coquitlam, BC.

At least one week prior to delivery, the Vendor will email .pdf copies of all original owner documentation to facilitate transfer of ownership and insurance. Required documents may include the following:

- Certificate of Origin (for U.S. manufacturers)
- National Vehicle Insurance (NVIS)

- Commercial Vehicle Inspection Report (CVI)
- Vehicle Import Form 1
- Registrar of Imported Vehicle (Inspection Form)
- Weight Slip

The Vendor will provide original documentation to the City within 5 days prior to delivery or at time of agreed upon delivery.

Subject to City acceptance, payment will be made at the completion and City's acceptance of the final delivery inspection.

2.11 Inspections

All materials or equipment shall be subject to inspection or test and shall meet the approval of the City.

Should materials or equipment be found defective in quality of workmanship or otherwise fail to conform to the specifications set forth, the City shall have the right to reject them or require their immediate correction.

The City or a designated representative shall be the final judge of all equipment and materials and its decisions of all questions in dispute will be final.

Materials or equipment requiring correction shall be removed for correction or corrected in place as requested by the City at no expense to the City. Unavoidable expense encountered by the City shall be chargeable to the Vendor and deducted from any monies owing to the Vendor by the City.

2.12 Warranties

The Vendor shall provide a full statement of the warranty period and terms, including extended warranty options, for items listed in <u>Appendix A – Base Aerial Platform Apparatus</u> <u>Specification Worksheet</u>, as a minimum. This warranty should clearly describe the terms under which the Fire Trucks manufacturer or sub-Vendors of the manufacturer accept responsibility for the cost to repair defects caused by faulty design, quality of work or material and for the applicable period of time after delivery.

The Vendor agrees to repair or replace any faulty equipment and that any defects discovered and failures which occur during the guarantee period will be rectified to the satisfaction of the City on-site within 24 hours of notification, all of which will be at no cost to the City.

2.13 Recall Notices

In the event of any recall notice, technical service bulletin, or other important notification affecting a unit purchased under this contract, a notice shall be sent to the City. It shall be the responsibility of the Vendor to assure that all recall notices are sent directly to the City Fleet Superintendent and CFR Fire Chief.

3 SCOPE OF SERVICES

3.1 General Requirements

The successful Proponent ("Vendor") will design, manufacture, deliver and provide on-going support and service for **One (1) Aerial Platform Apparatus** for Coquitlam Fire Rescue in accordance with <u>Appendix A – Base Aerial Platform Apparatus Specification Worksheet</u>.

Services include, but are not limited to:

- Develop and propose various conceptual design options of varying scope and drawings for the Fire Truck and components
- Provide a detailed firm budget for the various conceptual designs
- Provide cost advantage saving strategies for current and possible future purchases of Fire Trucks
- Provide on-site and local warranty service at no cost
- Replacement parts availability
- Responsive maintenance, repair and support services for the life of the Aerial
- Training for City CFR operators and Fleet Technicians in the operation and maintenance of the Aerial Platform Apparatus
- Demonstrate expertise and qualifications in design and manufacture of Fire Trucks
- Provide value-added Services and reporting capabilities
- Provide on-site warranty service
- Provide ongoing support and service
- Communicate and work effectively with CFR, Fleet Services and the City and

3.2 Compliance Standards

The Vendor will provide verification of compliance to the following standards:

- National Fire Protection Association (NFPA) 1901 (2016)
- International Organization for Standardization (ISO)
- Canadian Standards Association (CSA)
- American Society of Mechanical Engineers (ASME)
- Underwriters Laboratories of Canada (CAN/ULC)
- Underwriters Laboratories Inc. (UL)

3.3 NFPA 1901 (2016) Standards

The complete outfitted Fire Truck shall comply with the current NFPA standards except for fire department specifications that differ from NFPA specifications.

3.4 Materials and Documentation at Time of Delivery

The Vendor is to provide the following materials and documentation upon delivery with the Fire Truck:

- **KEYS** Four full set of keys are to be delivered with the unit;
- Manufacturer's Certificate of Origin;
- Warranty document and certifications;
- Two hardcopy and one electronic copy complete **Overhaul Manuals** to cover, but not limited to, tires, engine, batteries, pumps, transmission, rear axle, electrical

components to cover the completed apparatus. They will include as-built wiring schematics of chassis;

- Two hardcopy and one electronic copy **Parts Catalogues** covering the entire apparatus and complete drive train. This must include any equipment supplied with the apparatus;
- Two hardcopy and one electronic copy **Pump Manuals** covering repair and operation of pump;
- Two hardcopy sets and one electronic set of **As-built Electrical Wiring Schematics** to cover any and all wiring not installed by chassis manufacturer. This diagram to include part numbers and brand names of switches, lights, etc. of parts used;
- Any **Special Tools** that will be required in the care and maintenance or overhaul of the Aerial and its components;
- Complete **PARTS LIST** of all belts, hoses, and filters; including part numbers, manufacturer and use;
- All Fluid Capacities in liters;
- A **Permanent Plate** will be mounted in the driver's compartment specifying the quantity and type of fluids required including engine oil, engine coolant, transmission, pump transmission lubrication, pump primer and drive axle.

3.5 Delivery

To ensure the proper break-in of all components while still under warranty, the **Aerial Platform Apparatus** shall be delivered under its own power (rail or truck freight shall not be acceptable).

The Vendor will deliver the **Aerial Platform Apparatus** and remain for a sufficient length of time to instruct and train the appropriate City and CFR staff in the proper initial operation, care and maintenance of the Fire Truck delivered.

Delivery is to be prepaid F.O.B: City of Coquitlam, Fleet Services, 500 Mariner Way, Coquitlam, BC, V3K 7B6.

The Vendor will notify the City not less than ten days prior to expected delivery/arrival to permit final inspection scheduling.

An authorized representative of the Vendor will be on site to supervise delivery to the City.

APPENDIX A

BASE AERIAL PLATFORM APPARATUS SPECIFICATION WORKSHEET

	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
1	Emissions	Most Current Emissions Compliant		
2	Standards	Meets all current National Fire Protection Association (NFPA) Standards and the Canadian Motor Vehicle Safety Standards(CMVSS)		
3	Standards for Automobile Fire Fighting Apparatus	ULC S515-04 compliant and certified + tested		
4	Model year	Current		
5	Maximum height	Maximum 144" PREFERRED. STATE		
6	Overall length	Maximum 580" but as short as possible PREFERRED. STATE		
7	Chassis Wheelbase	As short as possible PREFERRED. STATE		
8	Overall width	As narrow as possible PREFERRED. STATE		
9	Roof Cab	Raised 16-24" if possible PREFERRED STATE		
10	Seating	5 seating positions		
11	Drive Train	Tandem Axle + Axel/ Differential Lock (Dash mounted switch)		
12	Front Axle	Independent Front Suspension (IFS) matched to GVWR STATE		
13	Tandem Rear Axle	Air Ride Suspension matched to GVWR STATE		

	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
14	Apparatus Type	Mid-Mount Aerial Platform		
15	Stabilizer Layout	Quantity and layout (footprint) STATE		
16	Differential	STATE ratio based on speed of 60 mp/h and hill climbing capabilities (see component item 68)		
17	Rear Brakes	Drums matched to GVWR STATE SIZE		
18	Front Brakes	Disk brakes matched to GVWR STATE SIZE		
19	Wheels	Alcoa black aluminum wheels STATE SIZE		
20	Tires	Front : Michelin XZY3 in size to match front axle Rear : Michelin XDS in size to match rear axle		
21	Engine	 MINIMUM 500 hp, and 1650 lbs/ft. torque. Preferred greater power / torque due to steep geography. STATE engine options Engine Programming High Idle Speed 1,250 RPM Engine High Idle Control Manual & Auto w/V-MUX Engine Programming Road Speed Governor Enabled Engine Warranty – five (5) year/100,000 miles 		
22	Alternator	To exceed electrical load demand by 20%. STATE		

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	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
23	Transmission	 Allison EVS to suit engine horsepower with retarder option Trans. Mode Programming (6-SPD) Trans. Feature Programming (Latest Version Trans. Retarder Control Lever On/Off Rocker Switch / Reversed Lever Trans. 2nd Gear Pre-Select w\ Aux. Brake Trans. Warranty – Allison five (5) Year 		
24 26	Pump Water tank	 Waterous or equivalent single stage output matched to Aerial Waterway/Master Stream (Task Force Tips) or equivalent STATE Officer Side and Rear intake valves (150PSI) Minimum 300 IMPG, Baffled, 4" overflow, Tank fill Officer Side and Rear STATE 		
27	Foam tank	30 IMPG, minimum 1" drain		
28	Foam system	Waterous Advantus 6.0 or equivalent foam system c/w remote fill STATE		

	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
29	Main Hose Bed	Capacity for:		
		600' - 5" Hi Volume STATE		
30	Attack Line Bed- Crosslay Design	2 – 200' 1 ¾" Hose c/w pistol grip nozzle		
31	Platform mounted monitor	Dual Monitors, STATE Options, Minimum 1500 GPM STATE OPTIONS		
32	Bumper Line	1 ½" or 2 ½" STATE		
33	Generator	STATE OPTIONS		
34	Electrical control system	Weldon v-mux system or equivalent STATE		
35	Interior	Extreme duty interior		
36	Air Conditioning	Required		
37	Windows	Electric windows		
38	Door Locks	Electric door locks c/w drivers side keypad		
39	Lighting	All LED emergency and scene lighting required meeting NFPA standards. STATE		
40	Siren	200 watt Federal Q2B Recessed in bumper STATE		
41	Scene Lights	Front, Rear, Drivers side and Officer side cab mounted LED		
42	Batteries	Battery group to be Group 31 AGM or equivalent. STATE		
43	Fuel tank	Minimum 50 gallon US fuel tank – Fill inlet on driver's side.		

	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
44	Ground Ladders	Duo–Safety or Alco-Lite:		
		1- 35' - 3 section		
		1 - 24' - 2 section		
		1 – 20' - Roof		
		1 - 16' - Roof		
		1 - 14' - Roof		
		1 - 10' - Folding Attic		
45	Aerial Ladder / Platform	 100' Minimum w/camera and TIC imaging. 10' - 1-3/4" pre-hook on platform Fire Axe Mounted on Platform Rappelling Arm Breathing Air System (5500 psi) LED Scene Lights 		
47	Light tower	Multi lamp LED 12/24 volt STATE OPTIONS		
48	Insta-chains	6 strand		
49	Compartment doors	Roll-up Amdor or equivalent		
50	Pump Panel Driver Side	 All lines w/ controls for drains 1 - 2 ½" inlet 2 ½" inlets / outlets BCT Milton air outlet type M LED panel lights Air bleeds on all inlet lines Caps for all inlets / outlets No roll-up door Sigtronics wired connection Manual pump levers preferred STATE 		

	Component	• Specifications	Confirm and Provide Details	Describe Options and Component Prices
51	Pump Panel Officer Side	 1- 2 ½" water only outlet w/ 30 degree elbow 1 - 2 ½" Foam outlet w/ 30 degree elbow All 2 ½" inlets/ outlets BCT Master suction w/ 4" Storz,30 degree elbow and cap 4" Storz discharge w/ 30 degree elbow and cap No roll-up door LED panel lights Air bleeds on all inlet lines Black caps for all inlets/ outlets preferred STATE 		
52	Air brakes	 All wheel lock-up w/ brake stroke indicators STATE OPTIONS for brake type 		
53	Air tanks	Labelled- Aux, Primary, Secondary and remote drains run underneath the pump panel.		
54	Exhaust	6" diameter preferred and 7" in front of rear tire Officer Side to match Nederman c/w Gen 2 transmitter		
55	Radiator	All aluminum and largest capacity possible STATE		
56	Wheel Chock storage (2 rubber chocks preferred)	Drivers Side wheel well STATE		
57	Air Cylinder storage	Officer Side wheel well – 5 cylinders Min. STATE		

	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
58	Drive line	Safety loops required		
60	Front bumper	Painted steel w/ black checker plate top w/closed eye tow hooks		
61	Cab seats	Vinyl - Extreme duty		
62	Cab tunnel	Exterior insulation blanket		
63	Cab	 Clean cab. No SCBA or medical gear inside. Roll-over protection Storage cabinet at rear of engine tunnel w/ power (TBD) White and red interior LED lights w/ door and lens switches 5 Sigtronics wired headsets w/ hangers Back-up camera Back-up alarm w/ override 		
64	Compartments	 Pressurized ventilation system Dri-Deck matting All slide trays/ shelves to have reflective striping Sprayed w/ rubber coating and painted grey SCBA storage for 5 LED lighting 110 volt power to Officer Side front and rear compartments from shore power to charge battery tools 5 mounted Streamlight Vulcan LED 12v flashlights 		

	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
65	Spot light	Remote Golight or equivalent officer side		
66	Hill Climbing and Performance Capabilities	Engine, transmission, Differential, to be sized / matched / tuned to be capable of maintaining a minimum of 38km/h at sustained 10% grade. Top speed may be limited to minimum 80kp/h to achieve this. State engine / transmission / rear axle ratio combination. Provide SCAAN Report.		
67	Placard holders	1 on each rear door, 1 on the front, and 1 on rear		
68	Heavy Duty Door/Seatbelt sensors	All door and seatbelt sensors to be heavy duty to minimize breakage and alarm errors. Silence option for sensors to be available. STATE		
69	APU	Provide options for an auxiliary power unit to power lighting and auxiliary equipment while engine is not running. STATE OPTIONS		
70	Shore Power	Shore power supply capable of keeping battery banks charged, including truck starter battery, recharging APU system, supplying power to equipment battery chargers in rear compartments and aux air compressor. STATE OPTIONS		

	Component	Specifications	Confirm and Provide Details	Describe Options and Component Prices
71	Aux Air System	Auxiliary air compressor provided to keep air brake system pressure up while plugged into shore power		
72	EMTRAC System Consideration	Power to supply City of Coquitlam transponder unit STATE		

APPENDIX B

OPTIONAL PORTABLE EQUIPMENT

	Qty.	Description	Details or Options	Unit Price \$	Extended Price \$
1	1	20 LB Dry Chemical Extinguisher			
2	1	20 LB CO2 Extinguisher			
3	2	Milwaukee M-18 Rover LED Floodlight w battery/charger			
4	1	Super Vac V-20 BL SP – Portable Batter PPV Smoke Ejector			
5	2	Husqvarna K12FD9 Battery Operated Saw Kits			
6	4	Platform harnesses with lanyards			
7	3	1 ½" Akron Breakaway Attack Nozzles Model 4866 Assault Tip 1.5"NPSH (Pres/Flow Spec) / 2431 SabreJet with 15/16" Bore			
8	1	DRAEGER 5 HEAD X-AM-5000 GAS 1.0 MONITOR X-am 5000 w/ 6812950 Draeger Sensor CatEx 125 PR - CH4, 6813275 Dual XXS EC - CO / Dual XXS EC - O2, 6810883 XXS EC - H2S, 6810887 XXS EC - HCN, 8318785 NiMH Battery and Charger Kit (Configuration Code: B0426141803 Complete with associated pump and 20' pump hose.			
9	5	Scott X3- Pro Breathing Apparatus C/W Cylinder 45 Minute 5500 psi w/ EBSS P/N: X8915023305303	Check latest		

	Qty.	Description	Details or Options	Unit Price \$	Extended Price \$
10	5	Scott Snap Change Air Cylinders 45 Min 5500 psi CGA P/N #200969-01			
11	500′	Mercedes X-Stream Plus 1 ¾" Hose (50')			
12	3	SCBA Accessory Lines with one way check valve fitted to Scott SCBA			
13	1	Portable Scott RIT Pak III P/N#200954-15 & cyl – 5500 psi Part#200969-01			
14	1	TIC Thermo Imaging Camera FLIR K55 w/ Vehicle mounted Charger			
15	1	A E D Medtronic LitePak 1000			
16	1	Piercing Nozzle TFT PA-1 or equivalent			
17	1	Milwaukee® 2727-21HD M18™ Fuel™ 16" Cordless Chainsaw Kit W/ 12.0Ah Battery			
18	600′	100' - 5" Mercedes LDH Fire Hose w/locks and Gold anodized fittings -			
19	1	33' 5" Mercedes LDH Fire Hose w/locks and Gold anodized fittings			
20	2	4" to 5" Storz Adapters			
21	4	Ladder Belts			
		TOTAL (State in CAN or US, exclude GST & PST)			\$

Confirm whether prices are in CDN or US funds: ______



City of Coquitlam

PROPOSAL SUBMISSION FORM

RFP No. 24-014

Design and Manufacture of One (1)

Aerial Platform Apparatus

Proposals will be received on or before 2:00 pm local time on

Thursday, February 29, 2024

(Closing Date and Time)

INSTRUCTIONS FOR PROPOSAL SUBMISSION

Proposal submissions and Microsoft Excel appendices should be submitted in the original format (MS Word and MS Excel) and any other supporting documents are to be consolidated into one PDF file and uploaded through QFile, the City's file transfer service accessed at website: qfile.coquitlam.ca/bid

1. In the "Subject Field" enter: RFP Number and Name

2. Add files in .pdf format and "Send"

(Ensure your web browser remains open until you receive 2 emails from QFile to confirm upload is complete.)

Proponents are responsible to allow ample time to complete the Proposal Submission process. If assistance is required phone 604-927-3037.

Legal Name of Proponent	
Contact Person and Title	
Business Address	
Telephone	
Email Address	

1.

DEPARTURES AND AWARD

a) CONTRACT - I/We have reviewed the City's Standard Terms and Conditions - Purchase of Goods and			
Services and would be prepared to enter into in an agreement that incorporates the City's Standard			
Terms and Conditions, amended by the following departures (list, if any):			
Section Requested Departure(s) / Alternative(s)			

b) SERVICES - I/We have reviewed the Scope of Services as described in this RFP and are prepared to meet those requirements, amended by the following departures and additions (list, if any):

Requirements – Requested Departure(s) / Alternate(s) / Addition(s)

c) AWARD - For eligibility of award, the City requires the successful Proponent to complete and have the following in place before providing the Goods and Services. Section 1c items are not required as part of this Proposal but may be required prior to entering into an agreement with the City.

i. **Vendor Info** - Complete and return the City's <u>Vendor Profile and Electronic</u> <u>Funds Transfer Application (PDF)</u>

As of the date of this Proposal, we advise that we have the ability to meet all of the above requirements except as follows (list, if any):

2.

CORPORATE

a) CAPABILITIES, CAPACITY AND RESOURCES - Proponents to provide information on the following (use the spaces provided and/or attach additional pages, if necessary):

i. Proponent is to provide Registered Business Name, Operating Business Name and location of Head Office:

ii. State number of years Proponent has been in the business of Fire Truck Design and Manufacturing:

iii. Proponent is to state number of employees:

iv. Proponent is to state any value added benefits and activities they can provide. Provide details:

b) DEMONSTRATION UNITS

Provide possible dates, locations and notification required to arrange a demonstration of a truck as close to our Base Truck Specification as possible. Major deviations from our base specification should also be specified:

c) PAYMENT OPTIONS – The City prefers to provide full payment upon delivery, inspection and acceptance at the City's Service Center. Provide all payment terms and options available and cost saving strategies that will benefit the City.

d) PERFORMANCE ASSURANCE – The City may, at any time, prior to issuing a Purchase Order, determine that a form of performance assurance is required to guarantee that all obligations described in the RFP will be met including lead times. Provide the City with Performance Assurance options and associated costs (i.e. Irrevocable Letter of Credit, Performance Bond, etc.

e) **REFERENCES** – Proponent shall be competent and capable of performing the Services requested and successfully delivered service contracts of similar size, scope and complexity. The City reserves the right to contact any person(s), agency(ies) or firm(s) not listed as part of an independent review.

	Reference No. 1
Vehicle Description	
Approximate Value	
Owner	
Reference Contact	
Telephone and Email	

	Reference No. 2
Vehicle Description	
Approximate Value	
Owner	
Reference Contact	
Telephone and Email	

	Reference No. 3
Vehicle Description	
Approximate Value	
Owner	
Reference Contact	
Telephone and Email	

3.

SUSTAINABLE BENEFITS AND SOCIAL RESPONSIBILITY

a) Describe all initiatives, policies, programs and product choices that illustrate your firm's efforts towards sustainable practices, environmental responsibility and social responsibility:

b) What policies does your organization have for hiring apprentices, indigenous peoples, recent immigrants, veterans, young people, women, people with disabilities and any other groups:

c) What policies does your organization have for the procurement of goods and services from local small and medium sized business or social enterprises or Indigenous owned businesses:

d) What policies does your organization have to support reconciliation with indigenous peoples:

4.

a)	Confirm Appendix A – Base Aerial Platform Ap	paratus Specification Worksheet is attached.
	🗆 Yes	□ No
b)	DESIGN - BUILD - Proponent is to describe their des	ign-build methodology:
c)	SAFETY STANDARDS – Confirm compliance to all ap	plicable standards:
d)	BILLD OPTIONS - Provide an example of how build	options will be presented to the City for the purpose
u)	of confirming final specifications:	options will be presented to the city for the purpose
e)	PERFORMANCE – Provide calculations showing grad	e ability and speed:
£	MANUEACTURE DROCRESS REPORTS Describe met	hadalagy and fraguency of status undates and
f)	MANUFACTURE PROGRESS REPORTS – Describe met manufacturing starts:	nodology and frequency of status updates once
g)	ATTACH DRAFT BUILD SHEET - based on the Base Tr	uck Specifications in <u>Appendix A</u> , with component
	prices	
h)	WORK PLAN AND SCHEDULE – Provide a detailed sch	adule of all activities phases of design and
,	manufacturing by task, key deliverable and milestor	
	testing and delivery of completely outfitted Fire Tru	

TECHNICAL

i)	BUILD MEETINGS AND INSPECTIONS - Provide details on the number, type and location of any build
	meetings / inspections required. State the number of City staff that should attend each and
	indicate if those costs are included in the Base Truck Price. The City reserves the right to add or
	delete from the number of on-site inspections. Additional inspections or additional staff sent by
	the City will be paid for by the City. The City will be credited the amount if they choose to delete an
	on-site inspection or the number of City staff attending.

Meeting/Inspection Type and location.	# of staff required	Cost per staff	Cost included in Base Truck Price (Yes / No)	Cost for each additional staff
Pre-build Meeting				
Final Inspection				

j)	TRAINING – TECHNICIANS AND PERSONNEL – Describe the types of training that will be provided by Proponent's professional technicians
i.	Fire Department Operations – duration of training, number of attendees and number of on-site workshops at CFR Fire Hall
ii.	Fleet and Maintenance – duration of training, number of attendees, number of workshops and Location
iii.	Other

k) LEAD TIME FOR DELIVERY
 The lead time for delivery of the new unit is an important consideration in this purchase. The
 Proponent guarantees to deliver the vehicle to: City of Coquitlam, Works Yard West, 500 Mariner
 Way, Coquitlam, BC.
 Provide minimum and maximum lead times for delivery from the date of award:

I) KEY FACILITY LOCATIONS

Manufacturing Plant, Business Name and Location:

l.	Warranty and Repair Service Center State location of nearest affiliate service facilities with factory authorized technicians located in Metro Vancouver area. Business Name and Location:
II.	State the procedure for handling warranty claims:

m) PARTS DISTRIBUTION CENTER – Proponent is to provide information on:

i.	Business Name:	
ii.	Address:	
iii.	Phone:	
iv.	Website:	
٧.	Total value of inventory at	
	this location	
vi.	Regular Lead Time for	
	Delivery of Parts:	
vii.	Guaranteed Lead Time for	
	Delivery of Critical Parts:	
viii.	List critical parts and	
	inventory levels	

n) Quality Assurance

I. Provide information on the systems of Quality Control and build specification assurance.

II. **Preventative Maintenance** – Provide preventative maintenance schedule. Attach if necessary

o) TRAINING AND MANUALS

I. **Operators** – state duration of training, number of attendees and number of on-site workshops at Coquitlam Firehall #1, 1300 Pinetree Way, Coquitlam.:

II. **Fleet and Maintenance –** state duration of training, number of attendees, number of workshops and Location

III. **Training Method** – State type of training method used to teach.

IV. **Manuals** (online/web based/DVD/paper manuals) included:

- 1 parts manual
- 1 repair manual for truck and all mounted equipment
- 1 service manual
- 2 Operator's manuals
- Wiring schematics including all installed systems and equipment

State format available:

V. Training Materials:
 Access to online/web based or DVD training, 1 for Operators and 1 for Mechanics
 Confirm and State format available:

p) Draft Build Sheet – Draft Build Sheet attached and included with the Proposal Submission:

🗌 Yes 🗌 No

q) W	q) Warranties and Extended Warranties – Confirm Warranties and Extended Warranties are attache	
an	nd included with the Proposal Submission:	

Yes No

_	
E	
	•

FINANCIAL

a) Aerial Platform Apparatus In accordance with Appendix A – Base Aerial Platform Apparatus Specification Worksheet			
Aerial Platform Apparatus – State Manufacturer, Model and Year:			
All Pricing is stated in:		🗌 US Dollars 🔲 Canadian Dollars	
	Item	Quantity	Unit Price (exclude PST & GST)
a)	Aerial Platform Apparatus	1	\$
b)	Levies (per unit):	1	\$
c)	Environmental Tax (per unit):	1	\$
	Sub Total		\$
Levies			
		\$	
		\$	
	TOTAL PRICE (per unit) \$		
	The Duise would include all us suited decade us intended on factures as suited to be served in the ill		

The Price must include all required decals, paint and any features required to be compliant with all regulations and standards and be fully operational.

b) WARRANTIES AND EXTENDED WARRANTIES		
Attach Warranty information including extended warranties. Any additional cost is to be stated:		
Extended Bumper to Bumper Warranty	State Term:	
State term:	\$	
Other available Warranty	State Options:	
Options:	\$	

Attention Purchasing Manager:

- 6. I/We, the undersigned duly authorized representative of the Proponent, having received and carefully reviewed all of the Proposal documents, including the RFP and any issued addenda posted on the City's website www.coquitlam.ca/Bid-Opportunities and having full knowledge of the Site, and having fully informed ourselves as to the intent, difficulties, facilities and local conditions connected to performing the Services, submit this Proposal in response to the RFP.
- 7. I/We agree to the rules of participation outlined in the <u>Instructions to Proponents</u> and should our Proposal be selected, agree to the City's <u>Standard Terms and Conditions Purchase of Goods and</u> Services and will accept the City's Contract as defined within this RFP document.
- **8.** I/We acknowledge receipt of the following Addenda related to this Request for Proposals and have incorporated the information received in preparing this Proposal.

Addendum No.	Date Issued

This Proposal is submitted this _____day of ______, 20_____.

I/We have the authority to sign on behalf of the Proponent and have duly read all documents.

Name of Proponent	
Signaturals) of Authorized Signatory/ies)	1.
Signature(s) of Authorized Signatory(ies)	2.
Print Name(s) and Position(s) of Authorized Signatory(ies)	1.
	2.