कार्यालय परिवहन आयुक्त, उत्तराखण्ड सहस्त्रधारा रोड़, कुल्हान, देहरादून। क्रोन न0.0135 2608106 कैंक्स न0-2608108 संख्या 5<sup>2</sup>01 / प्रवर्तन / स0सु0 / 1–8(51) / 2018 दिनांक: /2-दिसम्बर, 2018

### निविदा सूचना

परिवहन आयुक्त कार्यालय, देहरादून द्वारा कय किये गये 04 इनोवा वाहनों पर इण्टरसेप्टर के फैब्रिकेशन हेतु निविदा आमंत्रित की जाती है। निविदा जमा करने की अंतिम तिथि दिनांक 28–12–2018 अपरान्ह 2:00 बजे तक है।

इच्छुक निविदादाता निविदा प्रपन्न, पूर्व विवरण, परिवहन आयुक्त, कार्यालय उत्तराखण्ड से प्राप्त कर सकते हैं अथवा परिवहन विभाग की वेबसाइट transport.uk.gov.in से डाउनलोड कर सकते है। इस सम्बन्ध में कोई भी संशोधन अथवा तिथि परिवर्तन की सूचना केवल विभागीय वेबसाइट पर प्रकाशित की जायेगी।

> (सुनीख्य सिंह) अपर परिवहन आयुक्त, 9.-उत्तराखण्ड।

TENDER DOCUMENT FOR FABRICATION WORK TO BE DONE ON HIGHWAY INTERCEPTOR BASED ON INNOVA CRYSTA (TOYOTA)

TRANSPORT COMMISSIONER, UTTARAKHAND KULHAN, SAHASTRADHARA ROAD, DEHRADUN

#### Tender Call Notice

#### Purchase of High way Interceptor based on Innova.

Letter No.- 5201 /Enf/1-8(51)-04/2018

Date:- 12 Dec, 2018

Sealed bids from intending fabricator or manufactures or authorized dealers are invited for fabrication work to be done on 04 nos. of Highway Interceptors based on Toyota Innova to be used in the state of Uttarakhand for the purpose of Road Safety activities like detection of violation of rule by road users such as over loading, over speeding, drunken driving, dangerous driving, etc.

Interested fabricator/manufactures/dealers may obtain the tender document from Office of the Transport Commissioner, Uttarakhand, Kulhan, Sahastradhara Road, Dehradun, in person or through their authorized agents during the office hours on date 14-12-2018 to **28-12-2018 up to 2.00 P.M.** on payment of **Rs.5000./**-(Rupees Five thousand only) (Non-refundable) by way of cash in the cash counter or by way of Bank draft/ Bankers cheque drawn in favour of Transport Commissioner, Uttarakhand, payable at Dehradun, Uttarakhand. Tender papers duly filled-in and complete in all respects should reach the office of the Transport Commissioner on or before date **28-12-2018 by 2.00 PM**. The technical bid shall be opened on the date 29-12-2018 at **3.30 P.M**. The bidders or their authorized representatives shall remain present during opening, of the tender. The sealed financial bids will be opened for only those who will be found suitable by the technical committee .The tender must be accompanied by the GST clearance certificate for the year 2018-19 along with Rs.**2,00,000.**/- (Rupees Two Lakh only) as EMD (Refundable) by way of Bank Draft/Bankers Cheque drawn in favor of Transport Commissioner, Uttarakhand, payable at Uttarakhand.

The tender document can also be downloaded from website **<u>www.transport.uk.gov.in</u>**, on or after 14-12-2018. However, the tender submitted using download document must accompany a bank draft/bankers cheque of Rs. *5,000/-* (non-refundable) drawn in favor of Transport Commissioner, Uttarakhand, payable at Dehradun, Uttarakhand.

The undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof.

Transport Commissioner UTTARAKHAND

#### Introduction

The Transport Commissioner, Uttarakhand intends to have fabrication work done on four nos. of High way interceptor vehicles (Toyota Innova) which will be used by enforcement wing of Transport Department. The hi-tech interceptor would act as a tool of enforcement and road safety measure by the Transport Department for detection of the traffic rule violators and curb the menace of road accidents on high ways of the State. It will facilitate scientific analysis of recorded data for major policy decisions in traffic management.

#### **Technical Specification**

The fabrication work on vehicles should include high-tech electronic equipments of ISO standards such as :

- 1- Laser Based Traffic Speed Video System (FULL MOTION VIDEO & STILL) with Integrated Digital Recording System. Day Night IR option.
- 2- Inkjet Printer (A5) OR Heavy Duty Monochrome Video Printer (A6)
- 3- Roof Light Bar with siren cum PA System & Microphone
- 4- Additional Battery, Auxiliary Power Unit (APU), Custom Design Integra
- 5- Colour Video LCD Monitor Make: AOC or similar
- 6- Exterior Vehicle scheme with Reflective/Metallic Graphics, Livery& Signage
- 7- Rear Custom Console & Controls, Cabling& Protection Devices
- 8- Assorted Parts, Hardware & Accessories viz. Rear Camera. LED Reading Light, Fan, Fire Extinguisher, Insulated Water Canister, First Aid Kit & dust covers etc.
- 9- Digital Video Recorder & Playback Equipment Model: 4-Channel
- 10- Ergonomic & Safe Fitment
- 11- Roof Top PTZ Camera + Dash cam.
- 12- LED Programmable Signage.
- 13- Warranty
- 14- AMC after expiry of warranty.

#### **General instruction:**

1. All correspondence enquiry in this regard should be made to the following address in writing/ by fax/ post/ courier.

Transport Commissioner Office, Kulhan, Sahastradhara Road, Dehradun, Uttarakhand -248001

Tel: 0135-2608106 Fax: 0135-2608108 e-mail: <u>rscelluk@gmail.com</u>

- 2. The firm intending to participate in the tender should be authorized fabricator /manufacturer/ dealer. The authorized fabricator / manufacturer / dealer should submit the certificate of authorization in force.
- 3. The successful bidder has to do fabrication work on the vehicles on the interceptor vehicles as per the specification mentioned above. After completion of the fabrication work, the interceptors shall be delivered at the office of the Transport Commissioner, Uttarakhand.
- 4. Each bidder is required to deposit an earnest money (EMD) of Rs2,00,000/-(Rupees Two lacs only) in the form of a Bank draft/ Banker's cheque drawn from a nationalized bank in favor of "Transport Commissioner, Uttarakhand" payable at Uttarakhand. The EMD shall be refunded to all the unsuccessful bidders on finalization of the tender without any interest.
- 5. The bidder should submit up to-date VAT/ST clearance certificate from the competent authority along with the tender paper.
- 6. The bidder must have experience in fabrication work done on vehicles of Govt., semi- Govt., Corporate or private institutions.
- 7. The bidder should submit the tender in three separate envelops covering EMD, Technical bid and financial bid separately giving full details with supporting documents as required. Each envelop is to be sealed separately super scribing
  - a. EMD for Interceptor
  - b. Technical bid
  - c. Financial bid respectively.

All these three envelops should be kept in a big cover super scribed with "Tender for purchase of Interceptor".

- 8. The technical bid envelope should contain the technical details such as their proven record of earlier experience in delivering similar equipments to other Govt., semi- Govt., Corporate or private institutions, authorized certificate of products from the manufacturers, VAT/ST Clearance Certificate, terms and conditions of supply ,warranty and payment mode etc. and the specification of different part of the equipment.
- 9. The bidder should submit a commercial bid in a separate envelope containing item-wise value and its total value. This envelop will be opened in the presence of agency's representatives(one per agency) for only those agencies who have been found technically suitable .The price should indicate taxes and duties applicable i.e. whether VAT/ST/Excise duty /Entry tax is inclusive of or not.

- 10. The envelope containing EMD and the envelope containing financial bid will be opened on date **29-12-2018 at 3.30 P.M.** at the O/o Transport Commissioner, Uttarakhand in the presence of the bidders or their authorized representatives.
- 11. All documents submitted should be signed by the company's authorized signatory/self-attested with seal of the company.
- 12. Incomplete, illegible, unsealed and unsigned tenders shall be rejected.
- 13. Any applicable discounts should be clearly indicated in the offer and no further correspondence on this count shall be entertained.
- 14. The rate/s finalized through this tender will be operative for a period of 12 months.
- 15. Submission of more than one tender by the same agency under different names shall be rejected
- 16. Bidders giving insufficient particulars are liable to be rejected.
- 17. All tenders should be made in English. Documents attached other than English should have attested copies translated in English.
- 18. Request from the bidder for additions, alterations, modifications and corrections with regard to terms and conditions or rates after opening of the tender shall not be considered.
- 19. The bidder shall make his own arrangement for supply of the Interceptor (after finishing of fabrication work on the same) according to the instruction of concerned authority of the office of Transport Commissioner, Uttarakhand.
- 20. Bidders and their representatives are advised to refrain from contacting or influencing, by any means, the officials relating to finalization of tender during the bidding process. The purchaser, if necessary, will obtain clarification on the tenders by requesting such information from any or all bidders either in writing or through e-mail as may be necessary.
- 21. Modification of specifications or extension of closing date of tender if required will be made by an Addendum which will be made available in the website <u>www.transport.uk.gov.in</u>
- 22. The tender with overwritten or erased or illegible price or prices not shown in figures and words in English will be liable for rejection. In case of any discrepancy between words and figures noted against each items of the tender and between unit rates and the total amount, the decision of the competent authority accepting the tender will be final and binding on the renderers. Total of each item and total of the whole tender should be

clearly indicated. Clerical and arithmetical errors may result in rejection of the tender.

- 23. The tender shall be fully in accordance with the requirement of the general terms and conditions and the technical specifications attached hereto.
- 24. Conditional offers and offers qualified by indefinite expression shall not be considered.
- 25. Transport Commissioner reserves the right to reject any or all of the tenders without assigning any reasons thereof.

#### 5. GENERAL TERMS AND CONDITIONS:

- 1. The delivery schedule for fabrication work on Interceptors and delivery of the same will be **30 days** from the date of issue of the purchase order. All the interceptors must be delivered with complete fabrication work and in good condition. If these are not delivered within the prescribed time period, a penalty at the rate 0.5% of the total cost of the fabrication work will be charged per day from the fabricator. The fabricator/ manufacturer /dealer shall make his own arrangement for delivery of the interceptors at Office of the Transport Commissioner, Uttarakhand.
- 2. The successful bidder shall furnish a performance guarantee @ 5%of the purchase cost in the form of Bank guarantee in the name of the Transport Commissioner, Uttarakhand. The Bank guarantee should cover due fulfillment by the successful bidder of all the terms and conditions of the contract inclusive of guarantee to the purchaser on the delivery and commissioning of interceptors, the restitution of advances of the fabricator / manufacturer / dealer in advance of delivery in case of non-delivery and the contractors failure to comply with the warranty and guarantee provisions, the Bank guarantee shall be forfeited by the Govt. This Bank guarantee shall remain valid till end of warranty period.
- 3. The price quoted should be firm and in Indian Rupees for delivery at the destination.
- 4. 90% of the contract price shall be paid on successful delivery demonstration and training. Balance 10% will be released after 3 months of successful functioning of the equipment from the date commissioning.
- 5. Delivery/installation/commissioning period quoted in the tender should be guaranteed under a penalty @ 0.5% on total value of the interceptors per day of delay. The order will be cancelled if the work is not completed within **60 days** from the date of issue of purchase order. The purchaser reserves the right to cancel the order in full or in part. In the event of such

cancellation, the purchaser will have the right to collect penalty from the performance guarantee. However, for valid reasons revised delivery schedule may be accepted at the sole discretion of the purchaser.

- 6. On detection of any fault in the interceptor, the officer in charge of the interceptor will intimate to the bidder's call reporting center over telephone/fax/e-mail. The call must be attended within 48 hours and rectify the defect within 72 hours of call booking.
- 7. The fabrication work done (including devices assembled in the vehicle) on the interceptor should have comprehensive warranty on site and guaranteed for satisfactory operation for a period of **24 months** of equipments only from the date of commissioning. The fabricator/ manufacturer /dealer on free of cost should rectify the defect noticed if any within this period, provided such defects are due to faulty design, bad workmanship and bad materials used. If the equipments other than the vehicle in down beyond 72 hours of complaint and the fabricator/ manufacturer / dealer fails to provide repair facilities then penalty @ 0.5% of the cost of interceptor will be charged per week or its fraction from the fabricator/ manufacturer / dealer.
- 8. The Vendor shall provide required capacity building training for operational and maintenance activity at their own cost to at least 20 personnel selected / deputed by the State Transport Authority, Uttarakhand at purchaser location with books and reference materials designed specifically for purchaser requirement. The quality of training must be high and at least 80% people attending the training must rate satisfactory in the feedback, which needs to be collected after training by the Vendor. If the rating is below satisfactory for 50% of the participated trainees, the training may be re-conducted with a change in approach with good quality training materials and well qualified trainer by Vendor without any extra cost to the purchaser.
- 9. Risk of transportation will be borne by the Vendor.
- 10. If the fabricator/ manufacturer / dealer desire to appeal against any matter, he shall do so to the Transport Commissioner, Uttarakhand who's decision in consultation on such matters shall be final and conclusive.
- 11. The purchaser may alter the total no. of Interceptor units to be purchased at the time of placing of orders, may split orders among more than one bidder.

- 12. Transport Commissioner reserves the right to modify the specifications, if any in consultation with the fabricator/ manufacturer / dealer.
- 13. Dispute, if any, arising out of the contract shall be filed by either party in a court of law to which the jurisdiction of the Hon'ble High Court of Nainital extends.

Transport Commissioner Uttarakhand

## **Tender Form**

- 1. Name of the bidder
- 2. Address for correspondence-
- 3. Telephone no.
- 4. Fax-
- 5. e-mail -
- 6. Cost of interceptor /accessories (per each interceptor) -
- 7. Item Description as below:

No	REQUISITES/MAKE/MO	SPECIFICATIONS		
	DEL			
1-	Laser Based Traffic Speed	Class-1 Laser Range 3-2400mtrs.		
	Video System	Poor Weather Mode.		
	(FULL MOTION VIDEO &	Speed Measuring range 0-320 Km/hr.		
	STILL) with	Speed Measuring Accuracy+/- Km/hr.		
	Integrated Digital	Laser Beam Divergence 1mx2.6m at 1000mtrs		
	Recording System. Day	Colour		
	Night IR option.	Night +Monochromes IR		
		Monochrome IR effective on HSRP plate		
		Camera view through Heads-Up Display for Target		
		Reticule		
		Overlay.		
		Full High Definition Digital Camera with Motorized		
		36x Optical Zoom + Digital Zoom		
		Auto Focus Function for dynamic enforcement.		
		Time, Date, Target Speed Department Name, Laser Beam		
		Divergence, Target Distance, Record Number,		
		Equipment ID,		
		Target Reticule, Vehicle Number Image on Overlay.		
		Capable of Capturing preset speed violations on		
		Digital Movie.		
		Movie Recording on integrated recorder.		
		Also capable of capturing Still image of speed and		
		other violations.		
		Still & Movie Recording on integrated 240GB Solid		
		State Drive.		

2-	Inkjet Printer (A5) OR Heavy Duty Monochrome Video Printer (A6)	Precision Pan-tilt mechanism with remote handles. Dynamic targeting/aiming. Integrated Compact unit with embedded firmware. Vehicle dashboard mountable or Tripod application. Simple and User Friendly Auto Preset Speeds & Manual Modes. Works on vehicle cigar lighter socket. GPS locator coordinates. Wi-Fi Ink Tank inkjet Printer OR Heavy Duty Video Printer
3-	Roof Light Bar with siren cum PA System & Microphone	Water Proof Polycarbonate non-fading unbreakable Blue/Red/White lenses, LED Flasher. Multi-Tone Siren with 80- Watts Speaker Horn integrated link to light bar, Microphone
4-	Custom design Integra Additional Battery Auxiliary Power Unit (APU)	Sealed VRLA Battery 12V/65AH. Custom designed Auxiliary Power Unit (APU) containing Mains Battery Charger, & On-board battery charger, Inverter and battery Bar Graph 220VAC-13.6 VDC/25A Switching type charger and automatic intelligent system suitable to charge 12V/65 AH Battery through existing alternator of engine.
5-	Colour Video LCD Monitor	18" HD connected to Digital Video Recorder in 16:9 format
6-	Exterior Vehicle scheme with Reflective/Metallic Graphics, Livery& Signage	As per Custom IRTE Interceptor scheme or as suggested by purchaser, Reflective/Metallic Graphics, Livery & Signage Combination of reflective/vinyl/metallic signage materials
7-	Rear Custom Console & Controls, Cabling & Protection Devices	Rear Custom Console Custom Design fabricated in Medium Density Fiberboard duly laminated and well mounted for automobile. Custom Controls, Interconnect Cables, Wiring Harness. Connectors/Couplers/Sockets, Relays, Switches, Protection Devices etc. Custom quality cables duly harnessed and proof circuits. Interlocking with ignition switch for power-drain protections. All additions are kept in view harsh automotive environment
8-	Assorted Parts, Hardware	Assorted/Miscellaneous brands of accessories and

	& Accessories viz. Rear Camera. LED Reading Light, Fan, Fire Extinguisher, Insulated Water Canister, First Aid Kit& dust covers etc.			
9-	Digital Video Recorder &	Professional Digital Video Recorder 1TB of digital		
	Playback Equipment Model	video on HDD. Quad composite inputs with IR &		
	: 4-Channel	mouse remote controls		
10-	Ergonomic & Safe Fitment	Ergonomic & Safe fitments		
11-	Roof Top PTZ Camera+	AHD Resolution Rooftop PTZ Camera 360 degrees		
	Dash cams	rotation, vehicles grade with shock mount. Dash		
		mounted cameras mounted inside of the vehicle		
		both front and rear facing		
12-	LED Programmable Signage	Exterior LED programmable signage through USB for		
		propagating Road safety Messages on Highway		
13-	Warranty	Standard Warranty-One Year		
14-	AMC after expiry of	Up to total 5-years		
	warranty			
15-	On-Site Delivery/Transit	Included		
	Insurance/Commissioning			

Total Cost of fabrication work on One Interceptor Vehicle-

(8) Expected Time of delivery-

Signature of the Fabricator / dealer / Authorized Person Office Seal

SI. No.	Description	Specifications
1.	Laser Based Traffic Speed Videos System (Full Motion Video and Still) Day Night (Infrared) with integrated Digital Recording system	<ul> <li>Fully integrated class-I laser range up to 1800 meters</li> <li>Poor weather mode</li> <li>Speed measuring range up to 320km/hr.</li> <li>Speed measuring Accuracy +/-2 KM/hr.</li> <li>Laser beam width up to 2m X 2m at 1000mtrs</li> <li>Number plate legible up to 250 mtrs (Day) 80 mtrs (Night IR).</li> <li>Camera with motorized Optical Zoom up to 32X</li> <li>Camera should be at least of 4 megapixel or better</li> <li>Auto Focus function for dynamic enforcement/5.7" integrated touch screen LCD</li> <li>Time, Date, Speed, Speed Zone, Location, Device ID, Operator ID reticule overlay on Image.</li> <li>Capable of capturing preset speed violations on digital still image.</li> <li>Movie/Still recording on inbuilt 16GB CF card. Also capable of capturing still images of speed and other violations.</li> <li>Dynamic targeting/aiming. Integrated compact unit with embedded firmware.</li> <li>Simple and User friendly. Auto preset speeds and manual modes. Statistical Data Logging Software and connectivity. Must work on vehicle cigar lighter socket.</li> <li>ANPR software pre-loaded.</li> </ul>

# **Technical Specification**

2.	Color printer for on the spot Print out of offences Recording and playback	<ul> <li>A desk jet printer using ordinary A4 paper and printing directly from camera wirelessly up to 10 mtrs. Video printers and thermal paper disqualified.</li> <li>Auto print trigger compatible with laser speed system.</li> <li>Recording up to 284 hrs. of digital</li> </ul>
	equipment	<ul> <li>video on HDD, DVD-Ram, DVD-R</li> <li>Either USB 2.0 slot or 32 GB SD card slot should compulsorily be provided</li> </ul>
4.	Color Video LCD	<ul><li>14" automobile LCD panel roof mounted flip down in 4:3.</li><li>Memory Up to 10,000 records.</li><li>Statistical data logging software and connectivity.</li></ul>
5.	Roof light Bar	<ul> <li>Water proof polycarbonate non- fading unbreakable blue/red lenses.</li> </ul>
6.	Siren-cum-PA System with Mic	<ul> <li>Multi tone siren with 80 watts speaker horn integrated in light bar.</li> </ul>
7.	MF Battery	• 12V-65Ah MF battery
8.	Custom designed Auxiliary power unit (APU) containing Mains battery charger, & on board battery charger, inverter and battery bar graph	<ul> <li>220 VAC-13,6VDC/10A switching type charger, DC-DC converter/ charger 12V/10A rated CD/CI type suitable to charge 12V/65 AH battery through existing alternator of engine.</li> </ul>
9.	Custom mounting for laser video system	<ul> <li>Must be suitable for mounting laser enforcement system at the back of the vehicle.</li> </ul>
10.	Exterior vehicle painting	<ul> <li>2-K PU paint as per ministry of shipping road transport and highways (MORTHS) interceptor standards and certified branding scheme.</li> </ul>
11.	Reflective/Metallic Graphics, Livery and signage	<ul> <li>Combination of 3m/ Interadhesive/ Reflexive / LG/ Nikalite reflective / vinyl / metallic signage materials.</li> </ul>

12.	Spot Lamps	• Spot lamps on vehicle bumper.		
13.	Rear Custom Console	<ul> <li>Custom design fabricated in medium density fiberboard duly laminated and well mounted for automobile use.</li> </ul>		
14.	Custom controls, interconnect cables, wiring harness, connectors/ couplers/ sockets, replays, switches, protection devices etc.	<ul> <li>Custom quality cables duly harnessed and related connectors duly crimped. Replays and fused/ short circuit proof circuits. Interlocking with ignition switch for power drain protection.</li> </ul>		
15.	Assorted parts, hardware and accessories viz. tail view mirror, fan, fire extinguisher, insulted water canister, first, dust covers etc.	<ul> <li>Assorted/ miscellaneous brands of accessories and conveniences of best suited/ available specifications.</li> </ul>		
16.	System Integration	<ul> <li>Designing installation, customization to specification, system integration, testing, training, orientation.</li> </ul>		
17.	Secondary roof mounted day-night all weather PTZ cameras System	<ul> <li>Weather proof and shock automobile grade roof PTZ system IR range up to 100 mts., 12V DC power input and IP66 Grade casing.</li> <li>Electric wiper and defogger 360 degrees panning through 3axis joystick controller station ¼ CCD auto focus/optical zoom integrated camera (752H x 582V).</li> </ul>		
18.	On-Site Delivery			
19.	-	The respective Bidder shall demonstrate all the components prior to the or during the tendering process.		

# Detailed Technical specification of Laser Based Videos enforcement system:

<u>- 3y5tonn</u>			
Speed range	ed range 0 km/hr. – 320 km/hr.		
Speed accuracy	+/-2km/hr.		
Acquisition Time	0.3 sec for 100 km/hr. target		
Laser beam width	2m X 2m at 1000m		
Target range	3-1800-m (Indian registered number plate)		
Range accuracy	+/- 0.2 m		
Preset speed limit	Dual speed limit for Public and Private Vehicles		
Image sensor	At least 4 megapixel CCD or CMOS at 15 fps		
Resolution	4 Megapixel and above		
Lens	At least 150 mm zoom		
Angle of view (H)	57.8º (wide end) to 1.7º (tele end)		
Focusing system	Focus free after initial setting for all distances beyond 40 meter		
Digital Zoom	Should be possible to selectively zoom image to view number plate		
Minimum illumination	1.4 lux		
Number Plate capture	250 meters (Day) 80 meters ( Night IR)		
Recording system	Inbuilt storage to store from camera directly up to 120 GB		
Video standard	PAL/NTSC		
Storage type	Removable SD card or USB		
Card sizes	Minimum 16 GB		
Video resolution	Minimum 4 megapixel at 15 fps		
Maximum recording rate	15 images/sec or more		
Offence details	Image should contain details like date, time, speed zones, actual speed, operator ID, Location, instrument serial number used for capture, etc. offence format should be customizable for as per requirement.		
Data Security	Should have at least 128 bit data encryption		
LCD monitor	Minimum 5.7" color TFT LCD screen		
LCD resolution	480 (W) x 240 (H)		
Measuring data logger	37000 measuring data (speed, range) with date, time record ID		
Operating temperature	-5 degree Centigrade to +50 degree Centigrade		
Laser Eye safety	Class 1. Eye safety		
Supply voltage 10.8 – 16.5 VDC vehicle voltage			

Power consumption	12V, 1.2A
Dimensions	20 cm (W) x 18 cm (H) x 22cm (D)
Weight	Approx. 4.0 kg

#### **Financiall Bid**

- 1.Name of the bidder
- 2. Address for correspondence-
- 3. Telephone no.
- 4. Fax-
- 5. e-mail -
- 6. Cost of interceptor /accessories (per each interceptor) -
- 7. Item Description as below:

#### Price Schedule

SI.	Item	Make	Model	Price inclusive
No.				of all taxes and
				duties
1	Laser Based Traffic Speed Video System (FULL MOTION VIDEO & STILL) with Integrated Digital Recording System. Day Night IR option.			
2	Inkjet Printer (A5) OR Heavy Duty Monochrome Video Printer (A6)			
3	Roof Light Bar with siren cum PA System & Microphone			
4	Additional Battery, Auxiliary Power Unit (APU), Custom Design Integra			
5	Colour Video LCD Monitor Make: AOC or similar			
6	Exterior Vehicle scheme with Reflective/Metallic Graphics, Livery& Signage			

7	Rear Custom Console & Controls, Cabling& Protection Devices		
8	Assorted Parts, Hardware & Accessories viz. Rear Camera. LED Reading Light, Fan, Fire Extinguisher, Insulated Water Canister, First Aid Kit & dust covers etc.		
9	Digital Video Recorder & Playback Equipment Model: 4-Channel		
10	Ergonomic & Safe Fitment		
11	Roof Top PTZ Camera + Dash cam.		
12	LED Programmable Signage.		
13	Warranty		
14	AMC after expiry of warranty.		

Total Cost of One Interceptor-

(8) Expected Time of delivery-

Signature of the Fabricator/ manufacturer / dealer / Authorized Person Office Seal