

ज्ञापांक 3534 / आपूर्ति  
95-1-15-2015

पुलिस महानिदेशक का कार्यालय, बिहार, पटना।

पटना, दिनांक- 21-8-15

सेवा में,

निदेशक,  
सूचना एवं जनसम्पर्क विभाग,  
बिहार, पटना।

**विषय-** निविदा आमंत्रण सूचना सं०-24/2015-16 के प्रकाशन के संबंध में।

निदेशानुसार उपर्युक्त विषय के संबंध में निविदा आमंत्रण सूचना सं०-24/2015-16 की पॉच प्रतियाँ (सी०डी० सहित) संलग्न करते हुए अनुरोध है कि इसे राज्य एवं राज्य से बाहर के प्रमुख समाचार पत्रों में (अंग्रेजी एवं हिन्दी) के अगले दो संस्करणों में प्रकाशित कराने की कृपा की जाय साथ ही पी०आर०डी० वेबसाइट पर भी प्रसारित करने की कृपा की जाय।

इस निविदा आमंत्रण सूचना का प्रकाशन किन-किन समाचार पत्रों में किया गया इसकी सूचना देने की कृपा की जाय।

अनु०-यथोपरि।

*[Handwritten Signature]*  
20/08/15

पुलिस महानिरीक्षक के सहायक (क्यू०),  
बिहार, पटना।

**प्रतिलिपि:-** आई०टी० मैनेजर, पुलिस महानिदेशक का कार्यालय, बिहार, पटना को कृपया सूचनार्थ। कृपया इसे आज ही वेबसाइट पर अपलोड किया जाय।

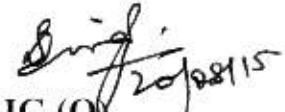
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**Police Headquarters, Bihar, Patna**  
**Notice Inviting Tender No.24/2015-16**

1. Name of the Department : Office of Director General of Police, Bihar, Patna.
2. Last date & time for the acceptance of the Re-tender : 24/09/2015, Till 11.00 HRS.
3. Date & time fixed for the opening of the Re-tender : 24/09/2015 At 11.00 HRS.
4. Place fixed for receiving & opening the tender : Office of Director General of Police, Bihar, Patna.
5. Details of Job :

S.N.	Item name	Quantity
1	Explosive Detector	01
2	Operational Kit for Bomb Detection and Disposal	02
	a) Bomb Trailor	02
	b) Hand Held Metal Detector	02
	c) Bomb Sled	02
	d) Bomb Basket	02
	e) Disrupter with Stand	02
	f) NLJE	02
3	Deep Search Metal Detector-For Anti-Subotage Purpose	10
4	Bomb Container-For Bomb Disposal Purpose	01
5	Optical Fiberscope	02
6	Bomb Detection and Lifting Robot	01

Specifications and other terms & conditions of the tender may be obtained in person from this office or may be downloaded from the website [www.prdbihar.org](http://www.prdbihar.org) or [www.biharpolice.bih.nic.in](http://www.biharpolice.bih.nic.in).

  
AIG (Q) 20/09/15  
Bihar, Patna

## Terms & Conditions Of Tender No. 24/2015-16

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- Tender of the firm will be accepted only on the condition that if their tenders are approved, the firm shall get registered with the Commercial Tax Department, Bihar, before the purchase order is issued.
2. The tender should be submitted in two parts : (i) Technical Bid and (ii) Financial Bid, duly sealed in two separate envelopes super-scribed as "Technical Bid" and "Financial Bid".
  3. All relevant papers/certificates/specifications etc. of items should be enclosed in the Technical Bid.
  4. The rates of the items shall be quoted in the Financial Bid only.
  5. All charges like BST/CST/Service Tax /VAT etc. shall be clearly mentioned in the Financial Bid and the net rate (in figures and words) including all taxes and duties must also be quoted. Vague offers like indicating taxes "as applicable" will not be accepted.
  6. The rates of the items shall be quoted in the Financial Bid in two parts :  
(i) With AMC (Annual Maintenance Contract) and (ii) Without AMC
  7. There should be no cutting, over writing or correction on the rates.
  8. The technical and financial bids for each item should be submitted separately in separate envelopes. The technical and financial bids for more than one items submitted together in the same envelope shall not be accepted.
  9. If the financial bid is submitted in the same envelope containing the technical bid then also it shall be summarily rejected.
  10. The technical and financial bids should be put in two separate sealed envelopes and the envelopes should be marked Tender No.24/2015-16 (Technical Bid) and Tender No 24/15-16 (Financial Bid) along with the name and address of the firm.  
**The sealed envelopes containing the technical and the financial bids should be sent in another sealed envelope which should be marked as Tender No.24/2015-16. This envelope should not bear the name and address of the firm.**
  11. Up-to-date Income Tax Returns, Turn Over of last three financial years and a photocopy of PAN of the participating firm should be submitted with the technical bid. It should be specifically mentioned whether IT return has been filed manually or electronically.
  12. The turn over of the firm for the 2014-15 financial year should be at least double the amount of the supply order which is being issued. A copy of the profit and loss Account of the firm for the 2014-15 financial year, certified by a Chartered Accountant should be submitted along with the tender. If the tenderer is authorized dealer or authorized supplier of manufacturing firm, then the certified details of the turnover of authorizing firm may be accepted.
  13. If there is some discount in the price of any item, it should be deducted from price itself and should not be quoted separately.
  14. If the product is available on DGS & D rate contract, then a copy of the contract must be attached and pricing be done including all taxes.
  15. A copy of the test report for the product issued by a competent authority within last one year should be attached with the technical bid.

in case of BP/BR items, test report of TBRL is compulsory.

Firms participating in this tender shall also submit duly sworn affidavit to the effect that " this firm has not been black listed/debarred by any Government or Semi Government or Private Agency and no sister concern of this firm is participating in this tender."

- 18. Firms participating in this tender shall also submit the self attested list of users of its equipments.
- 19. All items shall be received at Central Clothing Store, Patna, therefore price should be quoted FOR Central Clothing Store, Phulwari Sharif, Patna.
- 20. Firms will have to deposit a sum of Rs.50,000/- (Fifty Thousand) only as an earnest money in the form of Bank Draft duly pledged in favour of the undersigned along with the quotations.
- 21. Technical Bids will be opened on schedule date and time in the office chamber of Police Headquarter. Representatives of the firms competing in the tender may remain present at the time of opening of the technical bid.
- 22. The technical bids will be opened first and placed before the Technical Committee of the Police Headquarters, Bihar. If the technical bids are found satisfactory as per tender conditions, it will be put before Central Purchase Committee of the Police Headquarters, Bihar. The firms may be required to participate in the demonstrations of the quoted product and discussions with this committee.
- 23. Any paper/document will not be accepted after opening the tender.
- 24. Successful firm will have to enter into an agreement after depositing a sum of 5% of the total value of the order as security money in the form of Bank Guarantee duly pledged in favor of undersigned.
- 25. The firm will be required to provide satisfactory service after the delivery of the product.
- 26. The firm will be required to supply all the items within the stipulated time frame as mentioned in the purchase order.
- 27. Payment for the delivered items will be made only after the acceptance report of the Inspection Committee of the Police Headquarters, Bihar.
- 28. The firm whose quotation is approved by the Central Purchase Committee of the Police Headquarters, Bihar, shall be invited to enter into an agreement with the undersigned.
- 29. It is compulsory to submit the duly filled chart attached herewith, along with the technical bid.
- 30. Indexing of the requisite documents must be done and submitted along with the technical bid.
- 31. Hands on training of the equipment must be imparted to the user group by the firm.
- 32. Director General of Police Bihar, Patna reserves the right to reject any or all the quotations partially or fully without assigning any reason thereof.
- 33. The Quantity indicated may increase or decrease at the time of issuing purchase order.

*Singh*  
 20/08/11  
 AIG (Q)  
 Bihar, Police

## Explosive Detector-MO-8

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### **General Specifications:---**

1. Sensitivity ----- 10g/cm<sup>3</sup>(1 p/ billion)
2. Warm up time ----- Not Required
3. Calibration time----- less than 10 sec.
4. Alarm indicators. ----- Audible & Visible.
5. Power supply.----- 14.4 V battery.
6. Weight ----- 1.35 kg.
7. Operating temperature ----- (+10 c to +45 c)
8. Storage temp. -----(-20 c to + 50 c)
9. Detectable Substance exp based on TNT, NG, PETN, RDX
10. Principle-----NLDM or IMS

2012/08/15  
05.8.15

### BOMB TRAILOR

- \* Inner Plate : 8 mm Thickness
- \* Outer Plate : 3.15 mm Thickness
- \* Gap of 6" is filled with separation material
- \* Fitted with net on trailer base to support a 40 kg wt.
- \* Base frame is fabricated with MS channel 75 mm x 40 mm thick.
- \* Fitted with leaf springs & shock absorbers.
- \* Provided with Draw bare, Towing hook, over run break system mechanical parking brake two rear light reflector & steel hooks for leashing.
- \* Provided with one coat of Red oxide and two coats of enamel paint.

05.8.15

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Construction	Plastic with Metal Handle
Approx Weight	~550 gms.
Dimensions (mm)	430 x 100 x 35
Power	4 x 1.2 v rechargeable batteries or 4 x 1.5 v dry cell
Sensitivity	Paper Clip
Charger	Wall Mount
Alarm	Audio/ Visual
Environmental Cond'n's	-10 C° to + 50 C°

2001/08/15  
05.8.15



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### BOMB SLED

Size of sled	6 ft x 3 ft
Protection Shield	6 mm SAIL steel structure mounted on a steel frame.
Wheels	4" size swivel caster wheels
Viewing Windows	2 nos. (5" x 7")
Glass of Window	Non splintering glass of 30 mm thickness
Poles	Two nos. for handling the suspected packages

2011/05/15  
05.8.15



**BOMB BASKET**

Steel drum diameter	
Outer	70 cm
Inner	53 cm
Drum Length	Outer : 70 cm Inner : 68 cm (Without Cushion)
Wheels	Nylon Type with two fixed & one swayable with tilting handle
Handle	35 cm wide with 90 cm height
Cushion	minimum 2"
Thickness	6 mm SAIL Steel

20/11/15  
15.8.15

Disrupter with Stand

General Specifications:-

- 1. Weight- 3.85 Kg
- 2. Total Weight- 27 Kg.
- 3. Cannon overall length with muzzle- 585mm
- 4. Type of Projectile-
  - A) Plain Slug
  - B) Chisel
  - C) Blade
  - D) Fork
- 5. Type of Cartridges (12.7 mm)
  - 1. Super High Gas
  - 2. High Velocity
  - 3. Medium Velocity
- 6. Telescopic Sight for Zeroing- 02 Laser Sight
- 7. Stand Range-
  - A) Close Up
  - B) Long Range
  - C) Very Long Range
- 8. Safety Distance-
  - Rearward- 40 Mtr.
  - Forward- 250 Mtr.
  - Side- 45 Degree

20/10/15  
05.8.15

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# NLJE

## SPECIFICATIONS

### Transmitter

Frequency Bands: 880 - 1005 MHz @ 200 kHz steps. USA: 902.2-927.8 MHz. Foreign models are adjustable between 880 and 1005 MHz.

CE Mark Version operates at 869.4 MHz and 869.6 MHz.

Peak Power: 1.4 Watts for unrestricted NJE-4000 models (Effective Radiated Power including antenna gain and all system losses); 3 Watts ERP for HGO-4000 models. FCC and CE Mark versions meet their respective frequency and power requirements as stated below.

Power Control: 30 dB range in 2 dB steps. Pulsed to limit average output power to FCC max.

FCC ID: EIH98NJE4000

This device complies with Part 15 of the USA Federal Communications Commission Rules. Operation is subject to the two following conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

CE Mark Version (upon request, and marked with CE Mark on product)

The ORION is also offered in a CE Mark version upon request. This version complies with the European RTTE standards EN300220 and EN301489 with a maximum transmit power of 500mwatts ERP and frequency operation at 869.4 MHz and 869.6 MHz.

### Receiver

Frequency Bands: Second (1760-2010 MHz) or third (2640-3015 MHz) harmonic of transmit frequency.

Sensitivity: -135 dBm for both harmonics (see software integration).

Gain Control: The gain of the unit is enhanced using software integration. Various methods of operation have different integration algorithms for maximum performance. Refer to the description of the gain function on page 18.

Receiver IF BW: 3 kHz

### Antenna Polarization

Circular for both transmit and receiver functions.

### Physical

Weight: 3.7 lbs (1.7 kg) Operational with batter

2014 05.8.15

## Deep Search Metal Detector (F3L Mine Detector)

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### **General Specifications:---**

1. F3L Mine detector is a robust metal detector.
2. Extremely simple to operate.
3. Capable to detect metallic objects in highly mineralized ground or electrical interference from over head power lines or other sources.
4. Supplied with an optional light LED display and volume / sensitivity control features.
5. All controls for F3L are located on handle.
6. Principle - pulse induction.
7. Capability - It detects up to 2 ft depth.

2012/05/15  
05.8.15

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**TECHNICAL SPECIFICATIONS  
45-FT / 60-TON BOMB CART**

The terminal chassis is designed and manufacturer to transport 20-ft, 2 x 20-ft, 40-ft and 45-ft IOS containers within port terminal areas in the United states.

**DIMENSIONS:**

Length: 46 ft – 7 inches (14,199 mm)  
Width: 9 ft – 7 inches (2,920 mm)  
Height: 5 ft – 9 inches (1,751 mm) when unloaded  
Kingpin Height: 1,220 mm

**KINGPIN:** 2 feet (610 mm) from the front of the front bolster

**FIFTH WHEEL LOAD:** 3 feet 4 inches (1,016 mm) with the chassis level

**Landing gear Location:** 9-ft 5 inches (2,870 mm) behind the king pin

**Axle Weight:** (Tolerance 0-4%); approximate 10,070 kg.

**Payload:** One 45-ft 67,200 lb container  
One 40-ft 67,200 lb container  
One 20-ft 67,200 lb container on rear  
Two 20-ft 67,200 lb. containers

**Material:** High strength low alloy steel with 350 MPa yield strength is used for welded I-beam and fabricated parts.

**Main Beam:** Fabricated I-beam 1 ft 9 inches (537 mm) deep with 5/8" inches (16 mm) x 8 1/4 inches (210 mm) top and 3/4 inch (20 mm) x 8 1/4 inches (210 mm) bottom flanges, 3/8 inch (10 mm) web.

**Cross Member:** 1/2 inch (6mm) x 10 inches (254 mm) wide x 10 inches (254 mm) cross member.

**Upper Coupler Assembly:** 1/1 inch (12 mm) thick pick up plate with 1 inch (25 mm) and 2 inch (51 mm) diameter water drain holes, 3/8 inch (10 mm) thick "U" section channel type king pin supporter.

2011/10/16  
05.8.15

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## Optical Fiber scope

### Specifications:-

<b>Optical Specifications</b>	
Nominal magnification	400x
Adapter mount	Snap-on
Safety Filter	Schott KG3
<b>General Specifications</b>	
Operating temperature	0 to + 50 <sup>0</sup> c
Storage temperature	-20 to + 50 <sup>0</sup> c
Power	2AA alkaline batteries
Weight in use	1.5 lbs (0.67 kg)
Size (HxWxD)	5x2x8 in. (13x5x20cm)

2017/05/15  
05.8.15

# BOMB DETECTION AND LIFTING ROBOT (ROV)

## Specifications:-

1. NBC Reconnaissance with radiation measurement and automatic control unit (RADMAC) and portable gas chromatograph (PGC) to survey contaminated location.
2. Robust manipulator arm having 6 degrees of freedom.
3. Ability to handle suspected object up to 20kg from 2.5m and 9 kg at 4m.
4. Multiple switchable cameras on board.
5. Motorized pan-tilt platform with zoom and focus controls.
6. Specially designed solid rubber wheel to withstand blast and traverse rugged terrain.
7. In built brakes to stop at any position.
8. Wireless operation with optional fibre-optic control.
9. Open interface to connect different payloads as per-mission.
10. Control system based on open architecture.
11. Operation range- 500m.
12. Climbing stairs.
13. Steep slope negotiation.
14. Navigating through narrow corridors.
15. Scanning underbelly of vehicles.
16. Towing suspected platforms.

2016/10/06/16/0  
05.8.15