

ज्ञापांक 6257 / आपूर्ति

92-1-8-2017

पुलिस महानिदेशक का कार्यालय, बिहार, पटना।

पटना, दिनांक- 29/05/2012

सेवा में,

निदेशक,

सूचना एवं जनसम्पर्क विभाग,
बिहार, पटना।

विषय- निविदा आमंत्रण सूचना सं०-08/2017-18 के प्रकाशन के संबंध में।

निदेशानुसार उपर्युक्त विषय के संबंध में निविदा आमंत्रण सूचना सं०-08/2017-18 की पाँच 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।

26/5
पुलिस महानिरीक्षक के सहायक (क्यू०),
बिहार, पटना।

प्रतिलिपि:-

1. आई०टी० मैनेजर, पुलिस महानिदेशक का कार्यालय, बिहार, पटना को कृपया सूचनार्थ। कृपया इसे आज ही वेबसाइट पर अपलोड किया जाय। साथ ही Indian Trade Journal, Kolkata के अंक में प्रकाशन हेतु Government of India, the Controller of Publications, Civil Lines, Delhi : 110 054, (Tel No. 011-23812527, FAX : 011-23817846), Email Id- sk.mondal.dgcis@nic.in के पतेपर भी अनिवार्य रूप से भेजा जाय।
2. Government of India, the Controller of Publications, Civil Lines, Delhi : 110 054, (Tel No. 011-23812527, FAX : 011-23817846), Email Id- sk.mondal.dgcis@nic.in को कृपया सूचनार्थ एवं आवश्यक क्रियार्थ प्रेषित। अनुरोध है कि उक्त निविदा का प्रकाशन Indian Trade Journal, Kolkata के अंक में करने की कृपा की जाय।

26/5
पुलिस महानिरीक्षक के सहायक (क्यू०),
बिहार, पटना।

19

Police Headquarters, Bihar, Patna
Notice Inviting Tender No.-08/2017-18

1. Name of the Department : Office of Director General of Police, Bihar, Patna.
2. Last date & time for the acceptance of the tender : 27/6 /2017, Till 02:00 PM
3. Date & time fixed for the opening of the tender : 27/ 6/2017 At 04:00 PM
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	Advanced Weapon Simulator	02

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.gov.in or www.biharpolice.bih.nic.in.

26/5
AIG (Q)
Bihar, Patna.

Terms & Conditions Of Tender No.-08/2017-18

1. 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/ E.M.D./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-10/2017-18 (Technical Bid) and Tender No-10/2017-18 (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-10/2017-18. This envelope should not bear the name and address of the firm.
11. Income Tax Returns of last three years, a photocopy of PAN of the participating firm and turn-over of any two of the previous three financial years 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 last reported 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 any two of the previous three financial years, 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. Tender specific authorization from the OEM must be submitted, but in certain cases where authorization from OEM is not required, the Technical-cum-User committee (T.U.C.) shall decide about exemption (if any) on a case-by-case basis citing appropriate reasons for the same.
13. If there is some discount in the price of any item, it should be deducted from price itself and such discounts 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 any established and recognized private Laboratory or by agency accredited by the Government should be attached with the technical bid. However if required, the Technical-cum-User committee (T.U.C.) can take decision regarding exemptions/relaxations (if any), citing appropriate reasons.

- 117
16. In case of Bullet Proof/Bullet Resistant items, test report of TBRI. is compulsory.
 17. 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 deposit in the form of Bank Draft duly pledged in favour of the undersigned along with the quotations. The small scale units located in Bihar shall not be liable to deposit earnest money. Exemption from submitting E.M.D. will also be available to those who are registered with the Central Purchase Organisation/State Purchase Organisation and National Small Industries Corporation (NSIC).
 21. Technical Bids will be opened on scheduled 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 after-sales 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 expected 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.

26/5
A I G (Q)
Bihar, Police.

No. IV-21011/35/2009-Prov-I
Government of India
Ministry of Home Affairs

26, Man Singh Road, Jaisalmer House,
New Delhi, 27.8.2009

To

The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

Subject: - QRs/Technical Specifications for the security related equipments -regarding

The QRs/Technical Specifications for the following security related equipments have been accepted and approved by the Competent Authority in MHA.

- (i) Corner Shot - Annexure-A
- (ii) Hostage Rescue for Bullet Proof Cover -Annexure-B
- (iii) General Purpose Machine Gun (GPMG)-Annexure-C
- (iv) Stun Grenade for all purpose -Annexure- D
- (v) Advance Weapon Simulator -Annexure-E

2. Henceforth, all the CPMFs should procure the above items required by them strictly as per the laid down Technical Specifications/QRs.

(R.S.Sharma)
Director (Prov)

Copy to:-

DD(Procurement),MHA

Copy for information to:-

PS to JS(PM),MHA

QRs FOR ~~ADVANCED WEAPONS SIMULATOR~~

13

115

Annexure - 17

1. The QR required for systems are given in succeeding paras.
2. **Training Requirements**
 - (a) **Simultaneous Firing**. The system should be capable of enabling eight or more firers to fire simultaneously.
 - (b) **Multi Weapon Facilities**. Lanes should be capable of using different weapons. Each lane should have the facility to assign the number of bullets issued individually, with a facility to issue the same number of bullets to all the lanes simultaneously.
 - (c) **Squad Post Training**. Squad post training should be provided in two modes with visual feedback normal (regular target) and Advanced (moving pendulum). In normal mode the trainee has to view the bull's eye of the target. While the trainee is on bull's eye a visual indication should be given to the trainee. In advanced mode the trainee should continuously track a pendulum. The speed of the pendulum should be capable of being varied to change the complexity of the training. Feedback as to the percentage of time the trainee was on target should be displayed.
 - (d) **Application Fire**
 - (i) **Static Target Practice**. Static targets of application fire need to be provided in standard mode. Additional features in static targets should include :-
 - (aa) Exercise should be timed.
 - (ab) Facility should be provided to change the special effects (tactical scenarios like clouds, fog, wind velocity, dust, smoke, night condition etc).
 - (ac) Scores should be provided for inner, middle, outer hits, misses and the percentage of score attained. The scoring pattern should be customized to customer's needs and should be capable of defining more regions if necessary.
 - (ad) Should be capable of replaying all lanes simultaneously or individual lanes only. In the case of individual lanes, the replaying should be viewed in normal or zoom mode. Facility should be provided to view full trace, from the beginning of the session to the end of the session, where the movement of the weapons needs to be visually traced, giving an opportunity of time and motion study.

Contd. P-2/-

118
11/10
11/18
11/18
11/18
11/18
11/18

12/14

(ae) Replaying should be provided as a short trace also. In short trace mode, the point of aim and the point of impact (follow through) need to be displayed. In the case of individual lanes the replay should be viewed in normal and zoom mode. This should enable the instructor to interpret the mistakes and suggest corrective measures.

(af) Should be capable of controlling replay speed.

(ag) Should be performing bullet by bullet analysis.

(ah) Print out of the results of the exercise should include the targets used in the exercise. Print preview of the same should also be possible.

(aj) Graphical depiction of the hold of the weapons, giving both, the horizontal and vertical movements, should be provided.

(ak) Static targets, which rotate on being hit, should be provided.

(ii) **Moving Target Practice**. Moving target exercises should be provided, with the following feature :-

(aa) Any of the default of user defined target should be capable of being used for moving targets.

(ab) Should be capable of controlling the speed of the target.

(ac) Replaying facility providing information on track and bullet numbers at the point of impact on the target, should be provided.

(ad) Instructor should be able to choose from the default paths provided or define their own path. An orthographic view should be provided for defining paths.

(ae) Facilities similar to static targets like changing special effects etc should also be provided.

(af) Target must appear in various profile i.e. head-on, oblique, lateral, random path etc.

Contd...P-3/-

11/8
12/8
13/8
14/8
15/8
16/8
17/8

(iii) **Snapshot Practice** Snapshot targets should be provided with the following features:

(aa) For each snapshot target, uptime, downtime, number of exposures, and special effects should be capable of being controlled.

(ab) Targets with rotate option should be provided wherein, if the target is hit during the visibility phase (uptime), it should rotate.

(ac) Facilities similar to static targets like changing special effects, replaying etc, should be provided.

(ad) An exercise where the targets appear at random points should be provided. In this exercise, even the instructor should not be aware in advance where the target will appear.

(ae) An exercise similar to 2 (d) (iii)(ad) above should be provided wherein the instructor should be able to control points of appearance of the targets.

(af) An exercise where each track is assigned a target with different shape and colour combination should be provided. The target in this exercise should appear at random points on the screen.

(ag) An advanced snapshot exercise where each track is assigned a different coloured target should be provided. In this exercise the target should appear at random points on the screen.

(e) **Grouping Exercise** A grouping exercise which judges the grouping of bullets fired by a trainee, and provides Hold, Aim and Trigger (HAT) feedback with percentage accuracy in each of the above aspects, should be provided.

(f) **Video Based Scenarios** To include scenarios for hostage rescue, ambush, patrolling, VIP Security, CI Ops etc should be provided. Ranging from simple to Complex, these video scenarios should be relevant to Indian security forces customizable by the end user.

Contd... P-4/-

11/8

Jan 4/8

9/11/08

S. H.

AS

Dr

10

12

(g) **Documentation.** Complete trainees details should be stored including their rank, score, etc. Their performance over a period of time should be stored and displayed as and when required. To accommodate specific needs of the organization the format should allow customization. The following documents should be provided :-

- (i) Software test procedure.
- (ii) Software user manual.
- (iii) Software installation procedure document.
- (iv) Software and hardware bilingual user handbook.
- (v) Software verification and validation and reliability document.
- (vi) Software should be upgradeable.

(h) **Operational Environment.** Different types of operational environment should be provided including built up area, high rise buildings, shopping malls, historical monuments, desert area, Jungle and mountainous terrain etc. These Operational Environments should be available for integration into the system as and when required during warranty period.

(i) **Targets.** Different types of targets should be provided including fig 11, Fig 12, Rubia target, Fig 1x1, Fig 2x2, Fig 4x4 Targets, Friend & Foe, bunker target etc. Vehicle targets such as Light, Medium & Heavy motor vehicles should be included. Furthermore, there should be facility to include user defined targets, if required.

3. **Technical Specifications**

(a) **Facility of Aimer.** An Aimer depicting point of aim with an option to disable the aimer should be provided.

(b) **Range.** Range should be upto 2000 metres.

(c) **Special Effects.** Special effects should be provided on the range to simulate :-

- (i) Different modes for sky cover like clear sky, dense clouds, sparse clouds, rain clouds etc.
- (ii) Configurable time of day, allowing instructor specify any point in day (for e.g : night, dusk / dawn and day).
- (iii) Configurable fog conditions, which once enabled should allow the visibility range, in metres to be set.

(d) **Preview.** Facility to preview the range should be provided in the setup, A range should be displayed without starting the exercise.

(e) **Weapon Calibration.** Facility for weapon calibration should be provided and the details of the calibration should be stored for current as well as future sessions.

Contd... P-5/-

11/8

11/8

11/8


11/8

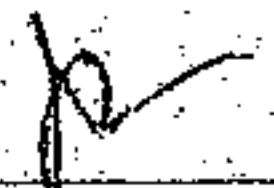
11/8


11/8

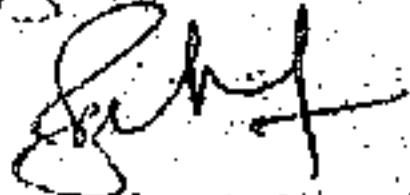
11/8


- (f) **Annual Range Course.** Software should be provided to facilitate the end user to develop and incorporate annual range courses. Annual range course once designed should appear as integrated – as a menu item – in the software.
- (g) **3D Scenario.** 3D Scenario generator software to generate scenarios comprising of 3D human targets, 3D vehicles, 3D structures etc should be provided. The 3D human targets should be interactive i.e on being shot they should fall.
- (h) **Voltage Levels.** The system should work at the normal voltage of 220 volts AC, single phase/Generator/30 minutes UPS backup.
- (i) **Storage Capacity.** There should be adequate data storage capacity for minimum 5 years available in the simulator for use during its life span.
- (j) **Endurance.** It should be able to operate for 6 hours without a break and a minimum of 12 hours of operation in a day should be possible.
- (k) **Service Life.** The service life should be minimum 10 years.
- (l) **Temperature Range.** The simulator should be capable to operate effectively in the temperature ranging from (-) 2 degree Celsius to (+) 55 degree Celsius.
- (m) **Tropical Condition.** The system should be capable of operating upto (+) 35 degree Celsius with 90% relative humidity.



 (Maj Rohit Patel)
 SMC



 (Jyoti Bhardwaj)
 DDC

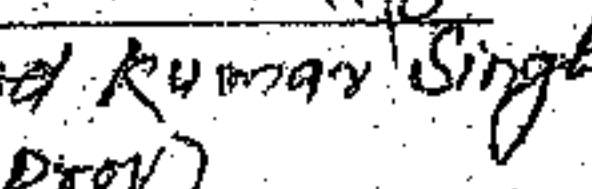

 P S KARKI
 DYCIA (S&B)


 (Capt Hemdeep Singh)
 (51 SMC)

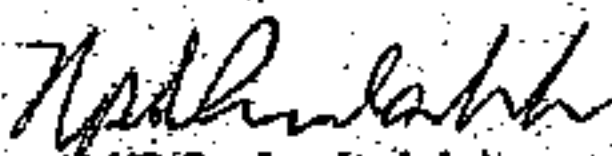

 (Maj A Kaur)


 Binod Kumar Singh
 11/8


 (Lt Col Narayan Yadav)
 SC (WE)


 (Binod Kumar Singh, IPS)
 DIG (Prov)

Approved/Not Approved


 (NPS Aulakh)
 Director General, NSG