

## SHORT TENDER CALL NOTICE

Sealed tenders are invited for purchase of the following Training Equipments for Biju Patnaik State Police Academy, Orissa, Bhubaneswar. The approximate quantity required is noted against each.

| SI.No | Name of the item   | Total Nos. |
|-------|--|------------|
| 1     | Crime Scene Simulator (Soft ware and hand ware)  | 3          |
| 2     | Weapon training Simulator Consisting 2 Video<br>projection instructor Console basic Soft ware. | 1          |

2. The Tender Document may be obtained on payment of Rs.200/- between 11.00 a.m. to 4.00 p.m. on each working day from the Office of the undersigned at the address given below. Tender document can also be obtained by sending a self stamped (Rs.75.00) envelop of size not less than 35 cm x 25 cm alongwith a demand draft of Rs.200/- payable at Bhubaneswar drawn in favour of Director, BPSPA-cum-IGP., Trg., Orissa, Bhubaneswar. Details of the tender documents/specification may be downloaded from the Website of BPSPA i.e. <u>www.bpspaorissa.gov.in</u> and sent alongwith a Demand Draft of Rs.200/- payable at Bhubaneswar drawn in favour of Director, BPSPA-cum-IGP., Trg., Orissa, Bhubaneswar.

3. Bids submitted otherwise than the manner prescribed in the Tender document shall be rejected.

4. Tender calling authority has right to accept or reject the tender (s) without assigning any reason thereof.

- 1. Date of issue of Tender documents is 10.1.2011
- Onwards (between 10.00 a.m. to 4.00 p.m. on working days)
- 2. Last date of sale of Tender documents is 25.1.2011
- 3. Last date of receipt of Tender documents 25.1.2011
- 4. Date of opening of the Tender documents: 27.1.2011 at 11.30 a.m.
- 5. Address : Asst.Director,

Biju Patnaik State Police Academy, Ranasinghpur, Bhubaneswar-751019, Orissa.

Asst.Director, BPSPA, ORISSA, BHUBANESWAR (SEAL & SIGNATURE)

#### <u>GENERAL BID FORM</u> ( TENDER CALL NOTICE NO.-----)

- 1. Name .Full Address Fax No. Telephone No. E-mail of the Firm
- 2. Legal status of the Firm
- 3. Items for which you have Submitted the bid
- 4. For which of the items above you are the Original Equipment Manufacturer (OEM)
- 5. Give the location and Address of your factory
- 6. For the Items listed at (3) above and where you have submitted the bid but you are not the OEM, indicate against each the names of the OEM.
- 7. Kindly confirm by writing "yes" or "no" only that you have been authorized by the respective OEMs either as dealer or as sale, supply and servicing agent in respect of the items you are not the OEM.
- 8. Which of the items, you have submitted the bids for, will be fully or substantially imported, Indicate the country to be imported from.
- 9. Have you enclosed the EMD ? If yes, mention the amount and its identifying details.
- 10. Have you enclosed all the documents and papers called for in this Tender document ? Kindly enclose a list.(Use a separate sheet of paper )
- 11. If the answer to (10) above is 'no' which of the documents/papers called for in the tender document have not been enclosed.(kindly enclose a list of such documents/papers).(Use a separate sheet of paper, if necessary).
- 12. Do you have a post sales servicing center in Orissa If yes, give its name, full address Fax and Telephone No.

SIGNATURE & SEAL OF THE TENDER CALLING AUTHORITY

SEAL & SIGNATURE OF THE BIDDER.

### TECHNICAL BID FORMAT

TENDER CALL NOTICE NO.-----

| SL.NO. | NAME OF THE ITEM | PRODUCT FULFILLS                                    | OFFERED<br>SPECIFICATION<br>AND DETAILS OF<br>DEVIATIONS, IF |
|--------|------------------|---|--|
|        |                  | SPECIFICATION KINDLY<br>ANSWER 'YES' OR 'NO<br>ONLY | ANY.   |
|        |                  |   |  |
| 1      | 2                | 3   | 4  |
|        |                  |   |  |
|        |                  |   |  |
|        |                  |   |  |

# SIGNATURE & SEAL OF BIDDER

# FINANCIAL BID FORMAT

# TENDER CALL NOTICE NO.-----

## NAME OF THE ITEM :

| 1. | Price including all the<br>duties and levies.<br>( Per unit in Indian Rupees)                       | : |
|----|---|---|
| 2- | Central Sales Tax   | : |
| 3- | Orissa VAT Regd. No   | : |
| 4- | Entry Tax   | : |
| 5- | Other charges (to be specified)   | : |
| 6- | Total Unit Price of the Item  | : |
| 7- | Total amount payable for supply of<br>Entire quantity of the items mentioned in<br>Tender document. | : |
| 8- | Terms of delivery   | : |
| 9- | Terms of payment  | : |

SIGNATURE & SEAL OF BIDDER

## TENDER CALL NOTICE NO. -----

#### TENDER DOCUMENT NO. -----

#### SPECIAL CONDITIONS OF THE CONTRACT

- 1. The Special conditions given here shall prevail over the General Condition.
- 2. E.M.D.

The Tender document shall accompany with a Earnest Money Deposit (EMD) as noted against each in Column No.3 below without which the tender shall be rejected. The EM Deposit instrument should be available outside the sealed covers of "Technical" and "Financial" bids.

 QUANTITY Sealed bids in this tender document have been invited for the supply of the items listed below. Detailed technical specifications of each item are available in the Annexure to "Special Conditions of the Contract" identified against each.

| SI.No. | Name of the Item  | Quantity in nos. | Technical Specifications   | EMD         |
|--------|---|------------------|--|-------------|
| 1.     | Crime Scene<br>Simulator (Soft ware<br>and hand ware)   | 3                | Provide training in the pre- collection and post –<br>collection of evidences from crime scenes. The<br>Simulator should be interactive and user friendly.<br>Training to be provided for about 150 evidences.<br>All the Collection and Detection tools required to<br>collect the evidences to be built into the Simulator.<br>All the Storage Kits required to store the evidences<br>to be built into the Simulator.<br>Preferred crime scenes must be Adulteration,<br>Burglary,Bombs & Explosives, Biology & Bio-<br>Medical, Ballistics, Computer Forensic and<br>Documents, DNA, Narcotics Serology.<br>The voice over should be in English and Hindi<br>There should be a Proficiency Testing Module for<br>Testing the Trainees including grading the<br>Trainees. Administrator module to create Groups,<br>Users, Assigning evidences to users etc.                            | Rs.1500/-   |
| 2.     | Advance Weapon<br>training Simulator<br>Consisting of Video<br>projection, instructor,<br>Console basic Soft<br>ware. | 1                | <ol> <li>The system should be scientifically<br/>structured to take a soldier gradually to advanced<br/>levels of training. The training should be structured<br/>at following six levels.</li> <li>(a) Level I: Squad post or basic marksmanship<br/>kills.</li> <li>(b) Level II: Grouping fire at short ranges.</li> <li>(c) Level III: Application and classification at long<br/>ranges.</li> <li>(d) Level IV: Advanced training for moving target/<br/>pop up targets</li> <li>(e) Level V: Engagement in CGI based tactical<br/>scenarios.</li> <li>(f) Level VI: Judgmental training in video based<br/>scenarios.</li> <li>It should support all small Arms from<br/>pistol to LMG.</li> <li>Should have computer based tutorials for<br/>the trainees prior to firing, so that trainees become<br/>acquainted and conversant with small arms training<br/>Simulatre.</li> </ol> | Rs.50,000/- |

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|---------------------------------------|---|
|                                       | <ul> <li>4. Should have Jungle lane shooting wherein it appears that the firer is moving through a jungle lane and targets appear along the way as in actual.</li> <li>5. Ambidextrous firing should be possible.</li> <li>6. Advanced CGI scenarios should be created wherein all the characters can walk, run, crawl, fire from various firing positions from point to point as defined by the user.</li> <li>7. User should add the effect of blasts and smoke in the computer generated scenarios (CGI) scenarios at predetermined time and specific intervals.</li> <li>8. 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. For conventional scenarios, highly realistic terrains should be included as, HAA, J&amp;K North East, Punjab, Canals, Semi-desert, desert, plain and Built up area.</li> </ul> |
|                                       | <ul> <li>9. System should be able to fire different weapon simultaneously at different lanes each with different ranges.</li> <li>10 (a) The system shall be capable of functioning on all types of Small Arms including 5.56mm Insas Rifle, 5.56mm Insas LMG, 7.62mm SLR, 7.62 mm LMG, 9mm Carbine Machine, MP9 (B&amp;G), MP5, colt M4, M&amp;P 9mm Pistol, 9mm Pistol, AK-47, 9mm Auto Glock Pistol, 7.62mm Styer, Sniper Rifle.</li> <li>(b) Capability to integrate any type of small arms from bolt action to automatic weapons.</li> <li>(c) Weapons to be integrated should be original weapons for real training value.</li> <li>(d) Capability to impart weapon handling lessons like action on stoppages, weapon cleaning drills on original weapons.</li> </ul>   |
|                                       | <ul> <li>11. Different types of targets should be provided including Fig 11, Fig 12, 1Ton Vehicle, 3</li> <li>Ton Vehicle, 5 Ton Vehicle, Car, Jeep, Gypsy, Bus, 130 Cbt, 130 Czt, Fig 1x1 ,Fig 2x2 ,4x4</li> <li>Target, Friend &amp; Foe , and bunker. In addition, user defined targets should be integrated, if required. Vehicle targets such as Light, Medium &amp; Heavy motor vehicles should be included.</li> <li>12. The system should be of four lanes and it should enable firers to fire simultaneously on different targets each at different ranges and capable of being controlled and operated by one instructor using a single console.</li> </ul>   |

| <br>   |
|--|
| 13. Controller should be able to assign specific   |
| number of rounds to individual lanes or to all the   |
| lanes simultaneously, with one entry.  |
| 14. Additional targets if required by user   |
| should be included. Each lane should be capable of   |
| using different weapons.   |
| 15 System should be capable of showing   |
| aiming mark at all ranges at the option of the   |
| instructor. An aimer depicting point of aim with an  |
| option to disable the aimer should be provided   |
| 16. Horizontal and vertical graph capturing  |
| movement of barrel before firing should be   |
| provided   |
| 17. System should be capable of enabling the   |
| user to incorporate video shots into the simulation  |
| to include scenario for patrolling, ambush, hostage  |
| rescue, VIP security and various CI OPS. The   |
| system should also have ability to add more  |
| scenarios to a minimum of 100.   |
| 18. Ranging from simple to complex, these  |
| video scenarios should be relevant to Indian   |
| security forces and to be created by the end user.   |
| Software should be provided.   |
| 19. The system should be capable of  |
| generating 3-D scenario including humans,  |
| vehicles and structures. 3-D human targets should  |
| react to firing as would be in case of real humans.  |
| The software should be provided to enable user to  |
| create own 3D scenarios.   |
|  |
| 20. System should be capable of simulating   |
| following conditions:-   |
| a) Different modes of sky, such as clear, sparsely   |
| clouded densely clouded and rainy conditions.  |
| b) Wind velocity with direction and the resultant  |
| effect on bullets should be seen at the target.  |
| c) Different times of the day i.e dawn, day, dusk  |
| and night allowing instructor specify any point in   |
| day.   |
| d) Fog conditions with capability of depicting   |
| visibility range in meters. All the simulations  |
| should be able to be controlled by the instructor.   |
| 21. System should be capable of enabling end   |
| user to develop, modify and integrate targets. Once  |
| integrated the targets should appear in menu of the  |
| software.  |
| 22. System should be capable of depicting  |
| ranges from 5 to 2000 mtrs in individual lanes or in   |
| all the lanes simultaneously.  |
| 23. The system should provide pneumatic  |
| recoil to create realistic firing experience as per  |
| The second construction of the second |
|  |
| each weapon being fired on the system.   |
| each weapon being fired on the system.<br>24. Documentation  |
| <ul><li>each weapon being fired on the system.</li><li>24. Documentation</li><li>(a) The system should be able to store and display</li></ul>  |
| each weapon being fired on the system.<br>24. Documentation  |

|         | b) The data should be available to the instructors                                      |
|---------|---|
|         | under separate user groups. The system should   |
|         | allow the users to format this data as per their  |
|         | requirement.  |
|         | (c) 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:-  |
|         | a) Software test procedure  |
|         | b) Software user manual   |
|         | c) Software installation procedure document   |
|         | d) Software and hardware bilingual user handbook  |
|         | in English and Hindi (Devnagri)<br>e) Software verification and validation and          |
|         | reliability document.   |
|         | f) Software should be upgradeable.  |
|         | 25. The system should be able to generate   |
|         | detailed reports of performance of trainees with  |
|         | facility to customize the same by the user. This  |
|         | generation of report should be both weapon and  |
|         | trainee specific.   |
|         | 26. Analysis of firing and corrective action  |
|         | should be suggested by software   |
|         | 27. Equipment should be semi portable and   |
|         | should be installed and dismantled in two hours   |
|         | each.   |
|         | 28. The system should have facility to preview  |
|         | the range and conditions in the set-up, without   |
|         | starting the exercise.  |
|         | 29. The system should have special  |
|         | arrangement for earthing. A lightning conductor kit                                     |
|         | should be provided.   |
|         | 30. The system should have facility for   |
|         | weapons calibration with the provision of storing                                       |
|         | details of the calibration.   |
|         | 31. Squad Post Training:  |
|         | (a) The system should provide facilities of squad                                       |
|         | post training in normal & advanced modes with gradual increase in degree of complexity. |
|         | (b) 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                                    |
|         | indicator 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.   |
|         | 32. The system should provide static target for   |
|         | application and classification  |
| · · · · | •   |

| <ul> <li>free. These firing practices should include :- <ul> <li>(a) Static Targets of application free need to be provided in standard mode. Additional features in static targets should include.</li> <li>ii) Timed fire with facility to customize number of exposure and time by the user.</li> <li>iii) Exercise should be timed.</li> <li>iv) Pacifity to change range and firing conditions.</li> <li>v) Facility to change range and firing practices, misses, scores and percentage obtained. The scoring pattern fields (tactual scenarios like clouds, fog. wind velocity, dust, smoke, night conditions etc).</li> <li>vi) Scores as per firing practices, misses, scores and percentage obtained. The scoring pattern should be customized to customer's needs and should be crashele of For each snapshot target, uptime, downtime, number of exposures, and special effects should be capable of For each snapshot target, uptime, downtime, number of exposures, and special effects should be provided with the following features:-</li> <li>i) For each snapshot target, uptime, downtime, number of exposures, and special effects like changing special effects should be provided.</li> <li>ii) Fargets with rotate option should be provided.</li> <li>ii) Fargets similar to static targets like changing special effects replaying et should be provided.</li> <li>vi) An exercise where the target saper at random points should be provided.</li> <li>vi) An exercise where each track is assigned a target.</li> <li>v) An exercise where each track is assigned a target.</li> <li>vi) An exercise where each track is assigned a target.</li> <li>vi) An advanced snapshot exercise where each target should be able to control points of appearance of the target is his.</li> <li>exercise should appear at random points on the screen.</li> <li>vii) An advanced snapshot carget is hould be provided.&lt;</li></ul></li></ul> | <br> |  |  |
|---|------|--|--|
| <ul> <li>i) Static Targets of application fire need to be provided in standard mode. Additional features in static targets should include.</li> <li>ii) Timed fire with facility to customize number of exposure and time by the user.</li> <li>iii) Facritity to change range and fring conditions.</li> <li>v) Facility should be provided to change the special effects (tactical scenarios like clouds, fog, wind velocity, dust, smoke, night conditions etc).</li> <li>vi) Scores as per firing practices, misses, scores and percentage obtained. The scoring pattern should be customized as per the user requirement and accept additional scoring pattern si frequired.</li> <li>vii) Scores should be provided for inner middle outer hits, misses and the percentage of score attained. The scoring pattern should be customized at a should be customized at the scoring pattern should be customized to customer's needs and should be capable of For each snapshot target, uptime, downtime, number of exposures, and special effects should be provided with the following features:-</li> <li>i) For each snapshot target, uptime, downtime, number of exposures, and special effects should be capable of being controlled.</li> <li>(ii) Targets with totate option should be provided wherein, if the target is hit, during the visibility phase (uptime), it should not tate.</li> <li>iii) Pacetities similar to static targets like changing special effects, neplaying etc should be provided wherein, if the target is a davance where the target will appear.</li> <li>v) 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 should appear at random points on the screen.</li> <li>vi) An advanced snapshot exercise where each track is assigned a target with fiftheren tanget and colour combination should be provided. The target should appear at random points on the screen.</li> <li>vi) An advanced snapshot exercise where each track is assigned a target with fiftheren t</li></ul>              |      |  |  |
| <ul> <li>provided in standard mode. Additional features in static targets should include.</li> <li>ii) Timed fire with facility to customize number of exposure and time by the user.</li> <li>iii) Exercise should be timed.</li> <li>iv) Facility should be provided to change the special effects (tactical scenarios like clouds, fog, wind velocity, dust, smoke, night conditions etc.)</li> <li>vi) Scores as per firing practices, misses, scores and precentage obtained. The scoring pattern strengurement and accept additional scoring patterns if required.</li> <li>vii) Scores should be provided for inner middle outer hits, misses and the percentage obtained. The scoring pattern strengurement and accept additional score should be customized to customized to customer's needs and should be capable of For each snapshot target, uptime, downtime, number of exposures, and special effects should be provided with the following features:- <ul> <li>i) For each snapshot Practice Snapshot targets should be capable of being controlled.</li> </ul> </li> <li>(b) Snapshot Practice Snapshot targets should be capable of being controlled.</li> <li>ii) Targets with rotate option should be provided wherein, if the target is should be provided with the following features:- <ul> <li>ii) Targets with rotate option should be provided wherein, if the target is should be croided.</li> <li>vi) An exercise where the targets supera at random points should be provided. In this exercise, even the instructor should her target is appear at random points should be provided where in the instructor should be provided.</li> <li>vi) An exercise where each track is assigned a target with different shape and colour combination should be provided. The target is should be target should be applied be applied of the targets appear at random points should be provided.</li> <li>vi) An exercise similar to 2 (d) (iii) (ad) above should be provided where in this exercise should appear at random points on the screen.</li> <li>vii) An advanced snapshot exercise where each</li></ul></li></ul>    |      |  |  |
| <ul> <li>static targets should include.</li> <li>ii) Timed fire with facility to customize number of exposure and time by the user.</li> <li>iii) Exercise should be timed.</li> <li>iv) Facility should be provided to change the special effects (actical scenarios like clouds, fog. wind velocity, dust, smoke, night conditions</li> <li>etc).</li> <li>etc).</li> <li>etc):</li> <li>etc):</li> <li>vi) Scores as per firing practices, misses, scores and percentage obtained. The scoring pattern should be customized as per the user requirement and accept additional scoring patterns if required.</li> <li>etc):</li> <li>etc):</li> <li>etc):</li> <li>etc):</li> <li>etc):</li> <li>etc):</li> <li>etc):</li> <li>etc):</li> <li>for each snapshot target, uptime, downtime, number of exposures, and special effects should be customized to customer's needs and should be capable of For each snapshot target, uptime, downtime, number of exposures, and special effects should be provided with the following features:-</li> <li>i) For each snapshot target, uptime, downtime, number of exposures, and special effects should be capable of being controlled.</li> <li>(b) Snapshot Practice Snapshot target, uptime, downtime, number of exposures, and special effects should be compable of wherein, if the target is thi, during the visibility phase (uptime), it should rotate.</li> <li>(ii) For each snapshot target, uptime, downtime, number of exposures, and special effects should be provided wherein, if the target is similar to static targets like changing special effects, replaying et should be provided.</li> <li>iv) An exercise where the targets appear at random points should be provided. In this exercise, even the instructor should be provided. In this exercise, even the instructor should be provided.</li> <li>v) An exercise where the target is assigned a target with different shape and colour combination should be provided. In this exercise, even the instructor should be provided. In this exercise, even the instructor should be provided. In this ex</li></ul>              |      |  |  |
| <ul> <li>ii) Timed fire with facility to customize number of exposure and time by the user.</li> <li>iii) Exercise should be timed.</li> <li>iv) Facility to change range and fring conditions.</li> <li>(v) Facility should be provided to change the special effects (tactical scenarios like clouds, fog, wind velocity, dust, smoke, night conditions</li> <li>(v) Scores as per firing practices, misses, scores and percentage obtained. The scoring pattern should be customized as per the user requirement and accept additional scoring patterns if required.</li> <li>(vi) 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 For each snapshot target, uptime, downtime, number of exposures, and special effects should be gravided for being controlled.</li> <li>(b) Snapshot Practice Snapshot targets should be provided with the following features:-</li> <li>i) For each snapshot target, uptime, downtime, number of exposures, and special effects should be provided wherein, if the target is hit, during the visibility phase (uptime), it should rotate.</li> <li>ii) Targets with rotate option should be provided wherein, if the target is hit, during the visibility phase (uptime), it should rotate.</li> <li>iii) Tarefficts, replaying etc should be provided.</li> <li>iv) 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 targets appear at random points should be provided.</li> <li>vi) An exercise where each track is assigned a target with different shape and colour combination should be provided. In this exercise, each track is assigned a target.</li> <li>vi) An avanced snapshot exercise where each track is assigned a target with different shape and colour combination should be provided. In this exercise should appear at random points on the screen.</li> <li>vii) An avanced snapshot exercise where each track</li></ul>              |      | *  |  |
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| moving target exercises with following facilities :-  |      |  |  |
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| <ul> <li>i) Instructor should be capable of controlling direction and speed of moving targets.</li> <li>ii) Provision of controlling range and firing conditions similar to those in static targets exercise should be available to the instructors.</li> <li>33. Replay</li> </ul>   |
|---|
| <ul> <li>(a) The system should be capable of replaying records of all lanes simultaneously or individual lanes only. It should facilitate to view full trace of movement of the weapons.</li> <li>(b) 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.</li> </ul> |
| <ul> <li>traced, giving an opportunity of time and motion study.</li> <li>(c) Replay should be provided as a short trace also. In short trace more, 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.</li> <li>(d) Replay facility providing information on track</li> </ul>  |
| <ul> <li>and bullet numbers at the point of impact on the target should be provided.</li> <li>(e) The user should be able to control the speed of the replay.</li> <li>34. The user should be able to carry out bullet by bullet analysis.</li> <li>35. Print out of the result should included some or all of the parameters, as per the discretion</li> </ul>   |
| <ul> <li>of the user, with facility to preview the printout.</li> <li>36. Graphical depiction of movement of weapon before release of bullet /pressing trigger, both in horizontal and vertical plain should be available to the user.</li> <li>37. Option to facilitate rotation of targets on being hit should be available.</li> <li>38. Random appearance of targets at different</li> </ul>  |
| <ul> <li>ranges should be available.</li> <li>39. Facility to customize appearance of targets and their intervals at each lane should be available.</li> <li>40. The system should provide for grouping exercises with facility to analyze groups to include feed back on percentage of accuracy in holding, aiming and trigger operations. The facility to measure the group should be available both in inches and centimetres with an option to choose</li> </ul>  |
| one.<br>41. A grouping exercise which judges the grouping of bullets fired by a trainee, and provides   |

| <ul> <li>Hold, Aim and Trigger (HAT) feedback with percentage accuracy.</li> <li>42. 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.</li> <li>43. Miscellaneous.</li> <li>a) The software with Devnagri Script should also be supplied.</li> <li>b) The Proof of satisfactory after sale service should be enclosed from at least 5 different users in India.</li> <li>c) The firm should have service centers located in Eastern, Western, Northern, Southern and Central regions of the country.</li> <li>d) The system should be portable with facility to art it me writin 2 here. It should have accurate the metabolity to act it me writin 2 here.</li> </ul> |
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| and it we within 2 hours. It should be mossible to   |
| set it up within 2 hours. It should be possible to   |
| transport the Simulatre in Qualis/Innova size  |
| vehicles.  |
| e) Total weight of the system should not be more   |
| than 600kgs.   |
| f) The AMC clause should allow for AMC after   |
| expiry of the warranty.  |
| g) The system should work within normal voltage  |
| of 220 volts AC single phase/Generator/30 minutes  |
| UPS backup.  |
| h) The Computer with latest configuration 4 GB   |
| RAM, 320 GB HDD, CD- RW/DVD.<br>i) The vendor should have supplied at least 50 such  |
| systems to security forces   |
| j) Should have supplied at least 20 such systems in  |
| last two years   |
| k) The Simulatres should be successfully installed   |
| within 45 days of issuing of PO  |
| 44. Storage Capacity:- There should be   |
| adequate data storage capacity for minimum 5   |
| years available in the Simulatre for use during its  |
| life span.   |
| 45. 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.  |
| 46. Service Life:- The service life should be  |
| minimum 10 years.  |
| 47. Temperature Range:- The Simulatre should   |
| be capable to operate effectively in the temperature   |
| ranging from (-) 2 degree Celsius to (+) 55 degree   |
| Celsius.   |
| 48. Tropical Condition:- The system should be  |
| capable of operating up to (+) 35 degree Celsius   |
| with 90% relative humidity.  |
| 49. Administrative Requirements  |
| (a) The firm should have sold such advanced  |
| weapons Simulatres to at least 10 different police   |
| organizations in India in the last 5 years. Certificate  |
| that the systems are working satisfactorily from last  |

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|             | one year from four such organizations should be      |  |
|             | enclosed along with the technical bid.               |  |
|             | (b) A reasonable level of in house R&D back up of    |  |
|             | the manufacturer in India is desirable as he end     |  |
|             | user would like to constantly review and upgrade     |  |
|             | the technology to cater to future training           |  |
|             | requirements. Such R&D facility should be            |  |
|             | certified by Government of India.                    |  |
|             | (c) The end-user may share confidential              |  |
|             | information with the firm for necessary              |  |
|             | customization to meet its specific requirements. To  |  |
|             | ensure that the firm has information security        |  |
|             | systems in place, the firm should be ISO / IEC       |  |
|             | 27001 (ISMS) certified and complaint.                |  |
|             | (d) The equipment should be portable and it should   |  |
|             | be possible to set it up at different sites within 2 |  |
|             | hours  |  |
|             | (e) The maximum time required to attend a service    |  |
|             | call should be less than 7 days from the date of     |  |
|             | receipt of call but on an average should not exceed  |  |
|             | 4 working days.                                      |  |
|             | (f) Comprehensive AMC should not be more than        |  |
|             | 8% of the invoice price and should allow for         |  |
|             | entering into the AMC contract after expiry of the   |  |
|             | warranty.  |  |
|             | (g) Life of system should be minimum 10 years.       |  |
|             | The warranty which will be of minimum three          |  |
|             | years period on comprehensive. AMC charges           |  |
|             | beyond the warranty period should be stated to       |  |
|             | arrive at the cost.                                  |  |
|             |  |  |
|             |  |  |

- 4. The quantities mentioned above are subject to variations. The rates quoted shall continue to be valid even if the quantities of items mentioned above are varied.
- 5. It shall not be necessary to bid for all the items above. The firms may bid for one or more of the items depending on their convenience and submit EMD accordingly. The items above do not necessarily consist of a single piece of equipment. It may be a composition of inter-connected or inter-related appliances. Bidding is not permitted for the components obtained by splitting an item. Bidding is also not permitted for a part of the quantity of an item indicated above.
- 6. The bidder shall submit along with this tender document a list of names, complete addresses. Telephone/Fax numbers of the customers to whom, the items, for which the bid has been submitted, have been supplied and installed in last three years, if any. A clear, unambiguous statement shall be made if an item has not been sold anywhere in India so far.
- 7. The supplies shall be delivered articles at the office of the Director, BPSPA-Cum I.G. of Police, Training, Orissa, BBSR at Ranasinghpur, Post. Sarakantara, PIN-751019.
- 8. The supplies or equipments shall be tested / installed (if required) successfully at the cost of the supplier at all the places mentioned above.
- 9. After installation, working of the equipments shall also be demonstrated and expenses incurred on demonstration shall be borne by the supplier.

- 10. The supplier shall train the employees of the organization at their cost.
- 11. 5% of the cost of the stores, excluding taxes, in shape of Cash/FDR/irrevocable Bank Guarantee shall be deposited by the supplier for enforcing performance warranty which will be returned after the performance warranty period is over, with or without deduction, as the case may be.
- 12. The supplies made shall be subject to a minimum period of warrantee of one year.
- 13. The supplier shall repair or replace at his cost any component of the supplies that may go out of order during the warrantee period. The repair and replacement shall as far as possible. be carried out within the premises, where the equipment has been installed. If, however, it is necessary to take the equipments to the workshop of the supplier, it most be repaired and reinstalled successfully in its premises within a period of one week, failing so, replacement equipment in working condition shall be supplied till the return of the equipment.
- 14. Bidder intending to participate in the tender are required to submit Orissa VAT clearance Certificate in form No.612. When any bidder is selected from outside the State after observance of approved Tender formalities, he may not submit VAT clearance certificate in Form No. 612. However, before award of the contract, the said supplier from outside the state shall furnish an undertaking in form of an affidavit stated that they have no business in Orissa and have no liability under the Orissa VAT Act.
- 15. Other things being equal, preference shall be given to a bidder, who has opened his sale and service center in Orissa.
- 16. If an equipment or supply goes out of order within the warranty period and the supplier is informed about it, it must b e attended to within 48 Hours counted from the time the service call is placed.
- 17. Pre delivery inspection: Wherever applicable.
- 18. 100% payment will be made on delivery of supplies, successful installation and demonstrations subject to furnishing of "performance warrantee" as per Clause 11 above.

SIGNATURE & SEAL OF THE BIDDER

SIGNATURE & SEAL OF THE TENDER CALLING AUTHORITY

#### TENDER CALL NOTICE NO. -----TENDER DOCUMENT NO. -----

#### **GENERAL CONDITIONS OF THE CONTRACT**

- 1. The bidder/supplier should either be an original equipment manufacturer (OEM)or their agents/dealers authorized to sell supply and service their products. The latest authenticated documentary proof of this shall be submitted. The proof submitted earlier in some other context shall not be treated as valid and sufficient.
- 2 The tenders (also called bids), not submitted in prescribed format or in the prescribed manner, shall be rejected at the risk and responsibility of the bidder.
- 3. All the information as called for in the tender document should be submitted truly, clearly, legibly, transparently, unambiguously and without the use of abbreviations. It shall be submitted in English.
- 4. All the crucial figures, like, rates and amount should be written in figures followed by words in a bracket.
- 5. There shall be no over-writing in the tender document and other papers submitted. All the additions, alterations, deletions and cuttings should be initialed with rubber stamp (or seal) by the same person, who signs the tender document failing so, the tender may be rejected.
- 6. All the rates and amounts shall be quoted in Indian Rupees (IR) and shall be presumed to be in Indian Rupees unless specifically permitted to be quoted otherwise in this tender document.
- 7. The rates quoted shall be valid for a period of one year counted from the last date of receipt of the bids or submission of tenders.
- 8. Each page of this tender document should be signed by the bidder with seal in token of having read, understood and accepted the terms and conditions of this contract.
- 9. For the companies and corporations making the bids, the tender document shall be signed by the Managing Director. If it is otherwise, the authority to sign the tender paper on behalf of the company/Corporation shall be enclosed. In case of Partnership Firm, it shall be signed by the active partner. In case of a Proprietary Firm the tender document shall be signed by the proprietor.
- 10. "Legal Status" of a bidder shall mean either proprietorship or partnership or private/public limited company or otherwise (to be specified), as the case may be. The bidder shall furnish an ink signed certificate of proprietorship along with the Tender.
- 11. All the documents and papers submitted with the bid should either be in English or Oriya and shall be authenticated under the seal and signature of the bidder unless specified otherwise in this tender document. If the documents are in any other language, a true translation in English, duly certified by an independent person of repute, shall be submitted.
- 12. All the promotional and technical literature of the products intended to be supplied should be submitted for proper appreciation of the bid, whether or not, specifically called for in this tender document. This literature should also be in English.
- 13. Submission of more than one competitive bid by the same Firm in response to the tender call notice is prohibited. All such bids except one, will be cancelled at the discretion of the authority calling the bids. A bidder may however, offer in his bid more than one product of the same original Equipment Manufacturer (OEM), if in his opinion all such products meet the prescribed technical specifications. In that case, he should submit "technical bids" of all such products separately but in the same prescribed format, in the same sealed single cover. Separate "Financial bids" should also be submitted similarly in the same sealed single cover (see below for the meaning of sealed cover).

- 14. Use separate piece of paper, where the space provided in the formats in this tender document for submission of information, is not sufficient. The separate piece of paper should be authenticated and page numbered...
- 15. All the information submitted or supplied in the formats of his tender document shall be presumed to be true to the best of knowledge of the bidder.
- 16. The firms not having the VAT/Sales Tax Registration shall not be eligible for submitting the bids. Firms blacklisted shall also not be eligible for participating in the bid.
- 17. The VAT clearance certificate, Sales Tax clearance certificate and Income Tax Clearance Certificate (ITCC) shall at least be submitted for the two preceding Financial year with reference to the current financial year.
- 18. Earnest Money Deposit (EMD), if called for, shall either be in the form of Demand Draft/Banker's Cheque of a Scheduled Bank payable at Cuttack or by pledging of NSC/FDR/ Postal Savings Pass Book, all in favour of the Director, BPSPA-cum-I.G. of Police, Training, Orissa, Bhubaneswar. EMD shall be returned immediately after the rejection of a bid. The D.D./Banker's Cheque/NSC/FDR/Postal Savings Pass Book etc. shall be returned in original with or without reverse endorsement as required for the refund. EMD of the successful bidders shall be returned till the supplies are successfully delivered as ordered. After that, it shall be returned in the same manner as in the case of unsuccessful bidders.
- 19. This tender document has prescribed a two-bid format for submitting the offers. It contains the 'Technical' and 'Financial' bid formats. Both the bids shall be submitted in separate sealed covers identified as 'Technical' or 'Financial' bid after detaching their formats from this tender document. Both the sealed covers, the remaining part of this tender document and all the other papers/documents should be put inside a bigger sealed cover and shall be de-livered as per conditions published in the tender call notice. All the sealed covers shall have boldly written with the name of supplier/bidder, the tender call notice number and the last date for submission.
- 20. The tenders or the bids can be sent by post or courier as well. However, the authorities shall not be responsible for the Postal and other delays in receipt of bids.
- 21. If the last date for receipt of the tender/bid turns out to be a holiday, it will automatically be extended to next working day.
- 22. The tender calling authority shall make arrangements in his Office for issuing a written acknowledgement, under proper seal and signature of the filled-in-tenders, provided those are submitted on or before the due date. The acknowledgement shall be issued even if the tenders are required to be dropped in a sealed box. The acknowledgement receipt shall mention, among others, the tender call notice number.
- 23. A bid submitted can not be withdrawn. The bidder or his authorised representative (one person only) will be allowed to be present at the time of opening of tenders. They will not participate in the discussions. Clarifications sought, if any, may be provided by them.
- 24. All or any of the tenders (or bids) submitted can be rejected without assigning any reason thereof. No claim, whatsoever, shall be admissible for the alleged loss/damage suffered by the bidders on account of such rejections.
- 25. The "Technical" bids shall be opened and scrutinized only in those cases, where the bidders have been found to have fulfilled all the prescribed criteria and conditions of this tender document other than technical specifications of the products. Only branded products shall be accepted unless otherwise mentioned in special conditions of the contract.
- 26. All the products, failing to fulfill the prescribed Technical specifications, will be rejected. Decision of the technical Committee in this respect shall be final and binding. A bidder can improve the technical specifications of the product offered before the opening of "Financial bids". Decision of the Technical Committee on, whether or not, the revised specification is an improvement, shall be final. Improvement in the technical specification offered as above, may be accepted or not at the discretion of the tender calling authority.

- 27. The bidder must submit in a peparate paper mentioning complied or not complied against each column of the Technical Specification given in the tender document.
- 28. Not withstanding an offered product meeting the prescribed technical specifications, it may be rejected, if it has not been tried and tested or used in Orissa Police with satisfaction.
- 29. "Financial bids" shall be opened only in those cases, where one or more of the offered products have fulfilled the prescribed technical specifications. No preference or extra payment shall be admissible for the superior technical specifications or quality or the like, if any.
- 30. All the prices quoted shall be FOR Bhubaneswar, Orissa which means that the prices shall include the cost of delivery at Bhubaneswar if nothing otherwise is mentioned in the Special Conditions of contract.
- 31. Financial negotiations with firms other than the lowest bidder shall not be held without the prior approval of the Government.
- 32. The authorities are not bound to accept the lowest financial bid.
- 33. The order for supply may be placed on the successful bidders but the technical specifications (or quality requirements) for the purpose of supply shall be those, which were offered and accepted by the Technical Committee and not those specified in the tender document. It shall not be necessary for the Office of the Director, BPSPA-cum-IGP., Trg., Orissa, Bhubaneswar to place a single order for the entire requirement. Order for the same item but on identical terms and conditions may be placed by different wings of the Office such that the total orders placed shall roughly correspond to the quantity mentioned in the tender document. The bills for payment shall be submitted accordingly, on different wings placing the order.
- 34. On delivery, the supplies or products shall be inspected to verify the quantity and to see whether those are in accordance with the technical specifications (or quality requirements) for which the order was placed. If it turns out to b e otherwise, the acceptance of delivery shall be refused at the risk and responsibility of the supplier. Further, the articles found damaged shall not be counted as accepted until repaired or replaced to the satisfaction of the authorities.
- 35. Short deliveries may not be accepted. All the items ordered must be supplied in full, for claiming even the part payment.
- 36. All the transit risks shall be the responsibility of the suppliers.
- 37. User manuals of the product shall be supplied without being asked for and without being mentioned in the supply order. Moreover, it should be in English.
- 38. Failure to supply the order in full within the stipulated period may lead to forfeiture of EMD and blacklisting of the suppliers. If at all the delivery is allowed to be accepted after the due date, Liquidated Damages (L.D) @ 0.5% of the total amount of order ( excluding taxes ) per week or part thereof shall be charged so however that the L.D shall not exceed 5% of the amount of order.
- 39. The supplier shall submit an undertaking, given either by him or the OEM, committing to supply spare parts for the maintenance of the supplies for a period of at least 10 years from the date of delivery.
- 40. The supplier shall give a "performance warranty" for a minimum period mentioned in the special conditions of the Contract. 5% of the amount of the order, excluding taxes, or as mentioned in the Special Conditions of the contract shall be deposited in shape of FDR/irre-vocable Bank Guarantee duly pledged in favour of the tender inviting authority and shall be returned after the performance warranty period is over. The said amount may be forfeited partially or fully for failure to fulfill the terms and conditions of supply and post sales commitments and obligations. The bank guarantee should be of the branch of a bank situated at Bhubaneswar and shall be enforceable and payable at Bhubaneswar.
- 41. All the clarifications sought from the bidders/suppliers on technical specifications of the products or otherwise shall be promptly submitted in a transparent and unambiguous manner.
- 42. Terms and condition of this tender document can not be negotiated for variation without obtaining the prior approval of the Government.

- 43. Entire tender document, duly filled in, shall be treated as part of the contract agreement for supplies in case of the successful bidders and shall be submitted in original.
- 44. All the disputes shall be subject to jurisdiction of civil courts situated at Bhubaneswar.

SIGNATURE AND SEAL OF THE BIDDER.

SIGNATURE AND SEAL OF THE TENDER CALLING AUTHORITY.