

Quotation No. 09/2022

**Maharashtra Public Service Commission**

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Quotation Document  
for  
Providing Digital Technology System for conducting Physical Endurance Tests

MAHARASHTRA PUBLIC SERVICE COMMISSION  
<https://mpsc.gov.in>

**Subject:** Invitation of Quotations for Providing Digital Technology System  
for conducting Physical Endurance Tests

Sealed quotations in prescribed format are invited from reputed and experienced agencies for Providing Digital Technology System for conducting Physical Endurance Tests as per the requirement

2. Maharashtra Public Service Commission conducts recruitment to the post of Police Sub Inspector Cadre. It is proposed to use Transparent Recruitment Procedure using Radio Frequency Identification (RFID) chip timing technology for measuring time and Digital Technology systems for measuring distance to conduct Physical Endurance Test (Running, Long Jump, Shot Put throw, Walking and Pull ups) along with bio-metric devices to eliminate duplication and impersonation.

**3. Scope of Services/Work:-**

3.1 The Scope of Services/work comprises use of digital technology in conducting physical endurance/efficiency test (PET) for approximately 1100 candidates for the post of Police Sub Inspector recruitment in Maharashtra Police.

3.2 The PET testing would be carried out at one location in the State (preferably Pune) and would be active for a maximum of 5 days for 5 to 6 hours a day. Approximately 200 candidates per day will be called to for the PET

3.3 The details of all the PET events along with the allocation of marks is as follows:-

**3.3.1 For Male**

**3.3.1.1 Running Test - 800 meters - Maximum Marks-50**

Sr No.	Run Time	Marks
1	In 2.30 minutes or less than 2.30 minutes	50
2	More than 2.30 minutes or up to 2.40 minutes	44
3	More than 2.40 minutes or up to 2.50 minutes	37.5
4	More than 2.50 minutes or up to 3.00 minutes	31
5	More than 3.00 minutes or up to 3.10 minutes	25
6	More than 3.10 minutes or up to 3.20 minutes	19
7	More than 3.20 minutes or up to 3.30 minutes	12.5
8	More than 3.30 minutes	0

**3.3.1.2 Shot Put throw-7.260 Kilogram - Maximum Marks-15**

Sr.No.	Shot put throw	Marks
1	7.50 meters or more than 7.50 meters	15
2	7.00 meters or more but less than 7.50 meters	12.5
3	6.50 meters or more but less than 7.00 meters	10
4	6.00 meters or more but less than 6.50 meters	7.5
5	5.50 meters or more but less than 6.00 meters	5
6	5.00 meters or more but less than 5.50 meters	2.5
7	Less than 5.00 meters	0

**3.3.1.3 Pull ups- Maximum Marks-20**

(1) Total number of pullups-8

(2) Marks for each pullups-2.5

**3.3.1.4 Long jump- Maximum Marks-15**

Sr.No.	Distance of Long jump	Marks
1	4.50 meters or more than 4.50 meters	15
2	4.35 meters or more but less than 4.50 meters	14
3	4.20 meters or more but less than 4.35 meters	12
4	3.90 meters or more but less than 4.20 meters	10
5	3.60 meters or more but less than 3.90 meters	8
6	3.30 meters or more but less than 3.60 meters	6
7	3.00 meters or more but less than 3.30 meters	4
8	2.50 meters or more but less than 3.00 meters	2
9	Less than 2.50 meters	0

### 3.3.2 For Female

#### 3.3.2.1 Running Test-200 meters -Maximum Marks-40

Sr No.	Run Time	Marks
1	In 37seconds or less than 37 seconds	40
2	More than 37 seconds or up to 38 seconds	36
3	More than 38 seconds or up to 39 seconds	32
4	More than 39 seconds or up to 40 seconds	28
5	More than 40 seconds or up to 41 seconds	24
6	More than 41 seconds or up to 42 seconds	20
7	More than 42 seconds or up to 43 seconds	15
8	More than 43 seconds or up to 44 seconds	10
9	More than 44 seconds or up to 45 seconds	5
10	More than 45 seconds	0

#### 3.3.2.2 Shot Put throw-4 Kilogram - Maximum Marks-20

Sr.No.	Shot put throw	Marks
1	5.50 meters or more than 5.50 meters	20
2	5.00 meters or more but less than 5.50 meters	18
3	4.50 meters or more but less than 5.00 meters	15
4	4.00 meters or more but less than 4.50 meters	13
5	3.50 meters or more but less than 4.00 meters	8
6	Less than 3.50 meters	0

#### 3.3.2.3 Walking -3 Kms- Maximum Marks-40

Sr No.	Walk Time for 3 Kilometers	Marks
1	In 24 minutes or less than 24 minutes	40
2	More than 24 minutes or up to 25 minutes	35
3	More than 25 minutes or up to 26 minutes	30
4	More than 26 minutes or up to 27 minutes	23
5	More than 27 minutes or up to 28 minutes	15
6	More than 28 minutes or up to 29 minutes	8
7	More than 29 minutes	0

**3.4** Long jump by the candidate will be recorded by the concerned officer on the spot and length will be recorded according to the Chest No. in the system.

**3.5** Digital Measurement machines and/or prism technology be used for measuring distance of long jump and/or for shot put throw which may be link to databases as per given criteria by MPSC.

**3.6** Distance can be communicated through the system to the computer digitally. No manual entry should be there.

**3.7** Pull ups will be measured actually and the marks will be allotted according to performance and rule set out in this behalf. Tick mark should be there as per the pull ups count and marks.

**3.8** For long jump and shot put throw, there should be digital measurement. No manual interference and data entry also. The distance will be recorded alongwith marks according to performance and rule set out in this behalf.

**3.9** There should be seamless integration of the system with all devices connected.

**3.10** Based on the performance, as per the standard provided by the MPSC, candidates would be declared Qualified/Disqualified in the PET.

**3.11** Only those candidates having minimum 45 marks in the PET shall be allowed to participate in the final selection process

### **3.12 PUBLISHING OF RESULTS**

3.12.1 The attendance particulars and results of the PET shall be generated in hard copy in the prescribed format and produced to the Ground In charge of MPSC at the end of the PET every day.

3.12.2 Simultaneously a soft copy of the same should be emailed to the MPSC every day.

3.12.3 The hard copy has to be signed by the authorized person of the Service Provider.

3.12.4 Results must be declared immediately by handing over Qualified Report and "Not-Qualified" Report. Results must be authentic and transparent.

3.12.5 The candidates who fail to qualify the PET shall be required to deposit their chest numbers and RFID chips back at the De registration counters, sign on the report of disqualified candidates, and will be escorted out of the venue. The Service Provider shall provide adequate well-mannered manpower at the de-registration counters for this.

### **3.13 METHODOLOY OF CONDUCTING PET**

3.13.1 The candidates having valid Call Letters alone shall be permitted to enter the venue 60 minutes before the stipulated time.

3.13.2 At the 'ENTRY' Gate, the Police Personnel shall check the validity of Call Letter by verifying the photo available on the Call Letter with the candidate present at that time.

3.13.3 Based on the database provided by the MPSC the Service Provider shall set up at least five Registration Counters for all candidates committee wise and two de registration counters for disqualified candidates at respective location.

3.13.4 When a candidate arrives at the registration counter, the chest no. of at least 12" x 8" shall be provided by the Service Provider. After that, the Service Provider would be required to scan the barcode/QR code marking on his/her Call Letter, pull up relevant data of the candidate from the database and issue RFID chips for each chest number. The details of both would be entered into the candidate's database.

3.13.5 The Service Provider will deploy 1 personnel at each registration counter for providing RFID chips and chest number to the candidates after it is ensured that they are secured properly before the candidate is allowed to enter the area for running.

3.13.6 For female candidates, female personnel should be provided for this. The Service Provider would be responsible for making available adequate number of RFID chips (at least 500 chest numbers), along with all other equipment required.

3.13.7 After proper registration, the candidate would be required to run the designated distance and have to follow further steps as per the instructions of the designated officials of the MPSC

#### **3.13.8 REGISTRATION COUNTERS**

3.13.8.1 Committee wise Five Registration counters required and shall be activated for registering approximately 200 candidates every day.

3.13.8.2 Each Registration counter shall have all facilities for proper registration of the candidates. The Call letters of the candidates shall be scanned with Barcode/QR scanner. Provision shall be given for keying in the Roll Number, if the scanning is not materializing.

3.13.8.3 On scanning/ keying in, the candidate's Name, Roll number and other details should be fetched from the Server and displayed in the monitor.

3.13.8.4 The Operator shall scan the RFID Chips / Tags and the RFID Chips / Tags Numbers should be updated into the database, against the Candidate's Name / Roll Number (ID). The RFID Chips / Tags shall be attached to the candidate.

3.13.8.5 The candidate shall also be issued a matching chest number, details of which will be added to his database

3.13.8.6 On completion of the above mentioned process, the candidate shall be directed to the Running Zone.

3.13.8.7 All computers are to be Networked and linked to a server. Necessary back up measures are to be taken for the Server and Network to avoid any interruption in Registration services, while the PET is going on.

#### **3.13.9 RUNNING ZONE**

3.13.9.1 On entering this area, the candidate shall be directed to the 'START' line.

3.13.9.2 The movement of the candidates shall be regulated, in coordination with officials, in such a way that the 'START' line and the Track are not crowded at any point of time. The officials shall be provided by the MPSC.

##### **3.13.9.3 'START' LINE**

(1) The candidates shall be asked to run from the 'Start Line', by crossing the antennas/ mats, which are placed here.

(2) The antennas/mats should have a 'Back - up' system for recording the timings of the candidates.

##### **3.13.9.4 FINISH' LINE**

(1) After a candidate completes the run by crossing the 'FINISH' line, the RFID tag/chip will be removed.

(2) The antennas/mats placed at the 'FINISH' Line should also have a 'Back- up' system for recording the timings of the candidates.

(3) The corresponding antennas / mats should function in synchronized manner i.e. first/main at 'START' Line with the first/main at FINISH' Line and similarly, second/back-up at 'START' Line with the second/back-up at 'FINISH' Line for recording the timings and arriving at the 'NET Timings' of the candidates.

### **3.13.10 RFID CHIP / TAG COLLECTION COUNTERS**

- (1) A total of four (4) persons shall be provided by the Service Provider to collect the Chip / Tags and the chest numbers.
- (2) No candidate shall be allowed to leave the premises without handing over the RFID Chips / Tags and the chest numbers.
- (3) The failed candidates shall be asked to sign on the list of disqualified candidates and directed towards the De registration counters.
- (4) The candidates who qualify the PET shall be escorted to the appropriate area.

### **3.13.11 VIDEO/CCTV CAMERA LOCATIONS**

3.13.11.1 The activities going on at the testing center are to be video-graphed by placing Video/CCTV cameras at various places mentioned.

#### **3.13.11.2 Handy Cameras**

For recording of every event, handy cameras/video cameras need to be used. The Service Provider will have to provide sufficient number of handy cameras for this purpose.

#### **3.13.11.3 CCTV Camera**

- (1) At least 2 MP CCTV camera shall be installed as per detailed below:-
  - (I) At registration Counters-2nos.
  - (II) Starting and End points –2 HD and one general view
  - (III) At respective Physical Endurance Test-2HD for each event
- (2) Sufficient number of cameras shall be installed to keep a record of each candidate along with date and time in such a way that the candidate is easily identifiable in the video and whole event is covered
- (3) The clocks of the CCTV system, cameras and the computer system recording the event must be synchronized. This should be able to resolve any disputes arising out of any doubts the authenticity of the RFID timings.
- (4) In the video footage of all the PET events, date, time, chest number and facial features of the candidates should be clear
- (5) The Service Provider shall provide two number of screens for CCTV cameras at two venues so that input of all the CCTV cameras can be observed/seen at the monitors
- (6) The recordings shall be stored in separate folders per running batch, for easy search and retrieval.
- (7) A separate Server shall be used for storing the recordings of Video/CCTV and a copy of the recordings should be handed over to the Ground in charge of MPSC every day.
- (8) An external Hard Disk shall be provided by the Service Provider to store data and the same hard disk must be handed over to the Ground in charge of MPSC every day.
- (9) A facility to search and retrieve a particular candidate's image recorded by all the Video/CCTV shall be provided.
- (10) Provision should be made for increasing the number of Video/CCTVs, if required.
- (11) The Service Provider would also be required to provide one videographer to the ground in-charge at each centre who would be used for video recording for any purpose deemed fit by the Ground in charge
- (12) Synchronized cameras (or) any other automated solution for measurement of time/distance and recording of events should be ensured.
- (13) The recording shall indicate the 'Start' and 'End' time of each candidate with unique identity, for each event of Physical Endurance Test
- (14) Manual zooming in and zooming out with mouse will be operated from the control room to track the movements of the candidates with great accuracy while they are in the tracks
- (15) The camera connected to the same computer system shall photograph the candidate's face, chest number worn and all the readings displayed on the screen (in one single photograph) and the same shall be embedded into the candidate's individual record in the database.
- (16) Technical staff provided by the Service Provider would assist in the process and generating print outs of the tests as per requirement being given to the candidates.
- (17) The Service Provider would be required to provide at least one operator for each PET counter in the PET area.

### **3.14 Radio frequency identification system characteristics:-**

- 3.14.1 The RFID timing system installed at start line/finish line should be 100% accurate.
- 3.14.2 The start line/finish line should be at least 4 meters in width with main and backup system to facilitate group of runners to run with least interference.
- 3.14.3 The timing system should work in any terrain and should support suppression of Electro Magnetic Field Interference
- 3.14.4 The timing system should have capability to read any number of RFID chips/tags passing through the start line/finish line without any miss/failure.
- 3.14.5 The chips/tags and timing system shall be weather proof and specifically waterproof. The equipment shall be able to run even in rain/wet conditions.
- 3.14.6 The RFID chips/tags should be a positive chip, so that the chip is not dependent on internal battery.
- 3.14.7 In a case of requirement, the detailed report of each lap shall be generated
- 3.14.8 The RFID timing system shall have connect with power backup up to 8 hours and shall run even in a case where there is a break down in main electric power supply. In such a case, the data has to be stored on the RFID timing system.

3.14.9 The timing system should support TBSC (Time between same chips) feature, so that the same chip is not read more than once within the specified interval of time.

3.14.10 The timing system should indicate any Electromagnetic Interference within its operating area

3.14.11 The results generated shall be in a PDF, excel or any other format as per requirement. The data may be retrieved in MDB format suitable for viewing in Microsoft access/Excel.

3.14.12 Provision for USB and LAN interface for data portability

3.14.13 Robust system design to withstand power fluctuation

### **3.15 Manpower**

3.15.1 The Service Provider has to engage its experienced technical staff at the actual locations for use of RFID systems and digital machines during the period of PET and to generate results of all events of candidates

3.15.2 The Service Provider will also provide necessary trainings the personnel deployed by MPSC/Police Department in PET area for the use of RFID and digital machines

3.15.3 The manual data entry, if any regarding long jump, shot put, pull ups etc should be done by the Service Provider.

3.15.4 Provision should be made for backup of trained staff, if required.

3.15.5 The, manpower required for Operators and maintenance personnel for RFID Systems, Computers, Video/CCTV, UPS and Communications equipments etc., shall be arranged by the Service Provider

### **3.16 CLEARING THE VENUE**

3.16.1 Dismantling operations are to be carried out at the sole risk and liability of the Service Provider.

3.16.2 The Service Provider shall take due care to ensure that during dismantling, released materials, debris etc., do not cause any injury to any person.

3.16.3 Released materials and other debris of dismantling should be removed as directed by the Ground-in-Charge and no extra payment shall be made on this account

### **3.17 GENERAL**

3.17.1 The nature of work is highly confidential and unique in nature. Absolute confidentiality regarding the methodology adopted and information processed in this work shall be maintained during the contract period and even after completion of work. The Service Provider shall not disclose or communicate any of the information dealt in this contract to any individual or any private or Semi- Government / Government agency or sell out any information / data dealt in this work for any other work / purpose of his own or his sister concern or to others under any circumstances even after completion of the contract, without getting authorization in writing from the MPSC.

3.17.2 All PET data shall be entered into the database with a display screen for the candidate to see the data being uploaded. A computer screen (monitor) shall be fixed next to the candidate standing at the prominent places on the ground.

3.17.3 The candidates who pass the PET also shall be given a confirmation of their having cleared the PET on their Call Letters with a QUALIFIED Stamp and signature of the authorized personnel.

3.17.4 The Service Provider should also arrange for a Biometric (Iris or facial) and photograph of each candidate who qualifies the PET. The Service Provider shall be responsible for obtaining biometrics of all the candidates who qualifies in PET. For this five Biometric devices should be provided which shall be located near the de registration counters. Along with biometric, photograph of the qualified candidates shall also be taken for which provision of web cameras should be made at the de registration counters.

3.17.5 Based on the listing of qualified candidates, as per the requirement of the MPSC, the Service Provider would be required to supply the data base of qualified candidates in the required format in soft and hard copies.

3.17.6 The Service Provider should ensure that PET of all Candidates on each day should start soon after sunrise and last running batch should be completed by 09.30 A.M. on each day.

3.17.7 The Service Provider would also be required to submit daily report in hard and soft copy to the MPSC regarding number of candidates appeared, qualified, failed, etc. as per the format provided by the MPSC and each page duly signed by the authorized person of the Service Provider

3.17.8 The Service Provider shall be required to keep safe custody of the recruitment data and operate it for any report generation whenever required by the MPSC. Any and all corrections in the database will be logged for ensuring its integrity.

3.17.9 In the event of any dispute/difference arising at the instance of the candidate who has participated in the PET, the Service Provider should cooperate with the MPSC officials and provide the recorded registration data, timing and measurement and video footage of such candidates whenever called for without any cost/expenses to the MPSC.

3.17.10 The MPSC/Officials of Police Department will provide resources like tables, chairs, tents, power supply, necessary light to conduct PET and barricading.

3.17.11 Objections raised by the candidates shall be resolved by the Service Provider under Supervision of officials of police personnel and MPSC deputed for this purposes.

3.17.12 After completion of PET the Service Provider shall handover the data along with video, CCTV recordings of the venues to officials of MPSC

3.17.13 Soft copy of all records of PET event should be preserved by the Service Provider and supply to MPSC as per the requirement.

3.17.14 The machine/system should not have any impact of voltage fluctuation

- 3.17.15 The machine/system should not have any variations in measurements while operating on generator or normal power
- 3.17.16 The Service Provider would be required to arrange on his own all hardware and software required for the uninterrupted conduct of PET, including the power back up /UPS.
- 3.17.17 The software should be capable of integrating all the data and for report generation and it should be possible to get periodical half hourly updates of the conduct of the PET at pre-designated central location.
- 3.17.18 The MPSC/Officials of Police Department would provide premises, basic electricity supply, emergency medical care, temporary shelter/storage space for the equipments, premises for control room and the general security of the venues. Private security personnel for the security of the equipments would have to be taken care of by the Service Provider himself.
- 3.17.19 Generator supply of minimum 10 KVA along with manpower must be provided by Service Provider to ensure uninterrupted power supply.
- 3.17.20 Water-Proof Tent for Registration, Timing/Server room, CCTV area shall be taken care of by Service Provider wherever required. The setup must be completed by Service Provider one day before the actual event starts.
- 3.17.21 At the venue the Service Provider shall fix two digital clock of minimum 3x1 feet display to enable the candidates to see the timing during PET.
- 3.17.22 Recording of timings and all the events should be 100 percent error free.
- 3.17.23 While arriving at the result of the candidate, the time recorded by the main system should be taken into account. Only in case of non-availability of the time recorded by the main system, the time recorded by the back-up system should be taken into account.
- 3.17.24 All officials of MPSC and Service Provider shall be issued with Identity Cards. Unique Identification Cards with color codes shall be provided by the Service Provider to control access to restricted areas. The color code will differentiate a person's admissibility to specified areas. The Service Provider will be responsible for preparing the cards. The cards will be signed by the officer designated by the MPSC.
- 3.17.25 The Service Provider should ensure that all the candidates who report for the PET on any particular day are subjected to the test on the same day. Spillover of candidates, if any, are to be subjected to PET on any subsequent day, decided by the MPSC, without any additional charge.
- 3.17.26 All the systems should be installed and validated by conducting repeated trials for at least 1day before the commencement of the PET
- 3.17.27 First aid and emergency medical services will be provided by the MPSC.
- 3.17.28 Adequate number of Printers (with cartridge and stationary) shall be provided for printing the reports by the Service Provider
- 3.17.29 Police officials shall be provided for PET for over all supervision and monitoring and to maintain law and order
- 3.17.30 Manpower and material provided by the Service Provider shall have adequate back up to ensure uninterrupted conduct of PET.
- 3.17.31 The RFID and digital machines used for long jump and shot put throw should have authorization certificate from OEM alongwith accuracy for the same.

#### **4. Eligibility Criteria:**

- 4.1 Only those Service Providers who fulfill the following criteria are eligible to RESPOND.
- (1) The Service Provider should be a registered one under the Companies Act of 2013 or other relevant Act/Laws.
  - (2) The Service Provider should have valid GST Registration Certificate valid as on 1<sup>st</sup> April, 2022.
  - (3) The Service Provider should have latest GST Payment Challan as per relevant Act/Law/Rules.
  - (4) The Service Provider should have Income Tax Clearance Certificate / Income Tax Return acknowledgement for last three years i.e. 2020-2021, 2019-2020, 2018-2019.
  - (5) The Service Provider should have successful experience of at least five work order in last Five (5) years of using RFID equipment for measuring timings of a run for a minimum of 10,000 candidates in an error free manner.
  - (6) The Service Provider must have successful completion certificates for the same to prove his/her credentials.
- 4.2 The Service Provider must comply with all the above mentioned criteria. Non-compliance of any of the criteria will entail rejection of the offer summarily.
- 4.3 Photocopies of relevant documents/certificates should be submitted as proof in support of the claims made.
- 4.4 The Secretary, MPSC reserves the right to verify / evaluate the claims made by the Service Provider independently.

#### **5. Earnest Money Deposit:**

- 5.1 The Service Provider should pay the Earnest Money Deposit of Rs.15, 000/- in the form of Demand Draft (D.D.) drawn in favour of Secretary, Maharashtra Public Service Commission payable at Mumbai along with the quotation.

- 5.2 The DD of the EMD will be kept in the Office of the Maharashtra Public Service Commission, which will not be deposited in the bank, and it will be refunded to the respective Service Provider after placing the work order with the successful Service Provider. The EMD of the successful Service Provider will be refunded after receiving the performance bank guarantee and first supply satisfactorily.
- 5.3 The Earnest Money of unsuccessful Service Provider shall be refunded after the final decision on the Quotation or on expiry of validity period whichever is earlier. No interest shall be allowed on the Earnest Money Deposit.
- 5.4 In case the Service Provider withdraws his offer within the validity of the offer, the earnest money will be forfeited. Similarly, if the Service Provider fails to commence the work after issue of award letter, the amount of earnest money will also be forfeited.

**6. Terms, Conditions and Instructions to Service Provider:**

- 6.1 Quotation documents shall neither be sent nor received by post/courier service.
- 6.2 Conditional quotations shall be summarily rejected.
- 6.3 The quotation as submitted by the Service Provider shall consist of the complete set of the quotation documents duly filled in and initialed on each page and signed by the Service Provider at the prescribed places. The quotation will be signed and submitted by a person authorized to sign on behalf of the firm.
- 6.4 Submission of quotation by a Service Provider implies that he has read all the Terms and Conditions of the quotations, instructions to the Service Provider as also other relevant documents and has made himself aware of the scope of work, local conditions and other related factors.
- 6.5 Secretary, Maharashtra Public Service Commission is not bound to accept the lowest or any other quotation.
- 6.6 The right to reject any or all quotations, without assigning any reason whatsoever is reserved.
- 6.7 The acceptance of the quotation on behalf of Secretary, Maharashtra Public Service Commission will be done by the Officer to whom such powers have been delegated.
- 6.8 The successful Service Provider has to complete the supply within the stipulated time as given in the purchase order.
- 6.9 The supply should be made strictly in accordance with the accepted quotation and conditions mentioned hereunder. The supply of material/service shall be done with due diligence and same shall be expected to be completed in a workmanlike manner.
- 6.10 The rates of several items of work agreed to shall be valid only when the item concerned is accepted as having been received/completed full in accordance with sanctioned specifications. In case, where the items of works are not accepted as so completed, the Office of the Maharashtra Public Service Commission may make payment on account of such item at such reduced rates as may be considered reasonable in the preparation of final or on account bill/final bill.
- 6.11 The Secretary, Maharashtra Public Service Commission may put an end to this agreement at any time or in case of bad workmanship or substandard material supplied. The cost of rectification of bad workmanship or replacing the substandard material shall be borne by the successful Service Provider.
- 6.12 The successful Service Provider shall not be entitled to any compensation from Office of the Maharashtra Public Service Commission other than amount quoted by him / them.
- 6.13 Any other conditions, specifications, etc. not mentioned herein, the clarifications as furnished by the Office of the Maharashtra Public Service Commission shall be final and binding on the successful Service Provider
- 6.14 Before commencement of work, the service provider shall correlate all relevant architectural and services drawings and satisfy himself that the information available there from is complete and unambiguous. The Service Provider / supplier shall be responsible for any error / difficulty in execution / damage incurred owing to any discrepancy which has been overlooked by him and has not been brought to the notice of the competent authority of the Office of the Maharashtra Public Service Commission before execution.
- 6.15 No ESCALATION shall be Payable.
- 6.16 The defect liability period is 6 (Six) months from the certified date of completion of supply.
- 6.17 The contract for supply of the items shall be on case to case basis as per requirement from the date of issuance of letter of award.
- 6.18 In normal circumstances, delivery of items should be strictly as per schedule mentioned in the supply order.
- 6.19 However, in urgent cases items are to be supplied immediately as per the instructions of the Officers of the Commission, any violation of which will be treated as breach of Contract.
- 6.20 The Service Provider should be in a position to supply items on Short Notice as and when needed.



- 6.21 The Service Provider should be able to provide items on holidays / Sundays also.
- 6.22 The quality and quantity of the items/services may be increased or decreased in accordance with the requirement of the Commission.
- 6.23 The services should be delivered to the Office of the MPSC anywhere in Maharashtra whenever needed. All the expenses for supplying the services as per the instructions of the Tendering Authority at appropriate places will be borne by the Service Provider only.

**7. Quantity:-**

- 7.1 Quantity mentioned is for one time supply only. The quantity may vary by  $\pm 25\%$
- 7.2 However, there shall be no commitment of minimum quantity which can be ordered during currency of the contract.
- 7.3 Supply orders shall be placed against the Contract for such quantities as may be decided by the Commission as and when required during the currency of the contract.
- 7.4 The Commission shall have discretion of placing orders beyond the aforesaid maximum quantity at the same rates.
- 7.5 The Commission reserves the right to enter into contract with more than one firm for supply.

**8. Bid Price :**

- 8.1 All duties, transportation charges and other levies payable by the service provider under the contract shall be included in the total price excluding GST. GST should be charged as actual while billing
- 8.2 The prices shall be quoted in Indian Rupees only.
- 8.3 Each Service Provider shall submit only one quotation.
- 8.4 The quotations should be submitted in the format provided with this (Annexure-1) on the letter head of the Service Provider.

**9. Validity of Quotation:**

Quotation shall remain valid for a period not less than 30 days after the deadline fixed for submission of quotations.

**10. Evaluation of Quotations:**

- 10.1 The Service Provider should submit documentary evidence on his / her qualification with quotation. If the Service Provider does not fulfill the same he will be treated as non-responsive and his / her quotation will not be considered for further processing.
- 10.2 The Secretary, Maharashtra Public Service Commission will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed and conform to the terms, conditions, and specifications in the following manners:
- (1) The evaluation will be done excluding the GST.
- (2) The evaluation would be done for unit rate as mentioned in prescribed format (Annexure-1).

**11. Award of Contract:**

- 11.1 The Secretary, MPSC will award the contract to the Service Provider whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 11.2 The Secretary, MPSC reserves the right at the time of Award of Contract to increase or decrease the quantities of items without any change in the unit price.
- 11.3 The Secretary, MPSC will notify the Service Provider whose quotation is accepted for Award of Contract prior to the expiration of the quotation validity period.
- 11.4 The successful Service Provider shall enter into an agreement with the Secretary, MPSC after Award of the Contract. The format for contract will be made available separately.
- 11.5 The contract shall be signed on a required stamp paper as applicable as per rates in this behalf and all expenses on this account shall be borne by the Supplier.
- 11.6 Notwithstanding the above, the Secretary, MPSC reserves the rights to accept or reject any quotations and to cancel the process and reject all quotations at any time prior to the award of contract.
- 11.7 Incomplete, irregular, unsealed and quotations received after the due date and time will not be considered.

**12. Confidentiality:-**

- 12.1 The supplier or his staff after selection/award of contract shall maintain strict confidentiality of all the work, services, documents, information, data and also any oral, written or other information disclosed for any purposes during the completion of contract.
- 12.2 Any information acquired by contractor due to work assigned for providing goods will be considered as confidential/secret and should not be disclosed to anybody at any costs.

12.3 Any breach of instructions given by MPSC or disclosure of any information in connection with this contract will be treated as violations of the instructions of MPSC and action will be initiated against the supplier/concern personnel as per the prevalent Laws in this regard.

### **13. Performance Security:**

13.1 The successful contractor shall be required to furnish/deposit bank performance guarantee valid for six months from any nationalized bank for Rs.20000 in favour of Maharashtra Public Service Commission within 10 days of the receipt of the order. The format for performance guarantee will be supplied separately.

13.2 If the supplier fails to comply with the requirements within the stipulated period, the EMD already deposited by him/them shall be liable for forfeiture and the Office of the Maharashtra Public Service Commission shall purchase the items required at the risk and cost of the successful Service Provider.

13.3 The performance security will be released to the successful Service Provider after completion of work and Office of the Maharashtra Public Service Commission is satisfied that there is no need to retain the said amount any further.

### **14. Penalty:**

14.1 In the event of accident at the work site on account of Service Providers negligence or the negligence of his men, penalty as deemed fit shall be imposed on the Service Provider and recovered from his / their bills. The decision of the Ground-in-charge in this regard shall be final and binding on the Service Provider. Any damages / compensation arising out of such incidents shall be borne by the Service Provider.

14.2 The number of candidates called per day shall be subjected to the PET on the day itself. If there is any failure in completing the PET for the number of candidates called and reported for a day, for reasons attributable to the Service Provider, a penalty of Rs.25, 000/-per day will be levied, apart from subjecting the candidate for PET without additional charges. The decision of the Ground-in-charge in this regard shall be final and binding on the Service Provider

14.3 Shortage of manpower or equipment on the part of the Service Provider is not permissible. In case of shortage in manpower or equipment affecting the conduct of PET a penalty of Rs.25, 000/- per day shall be imposed on the Service Provider and recovered from his / their bills. The decision of the Ground - in-charge in this regard shall be final and binding on the Service Provider

### **15. Payment Terms:**

15.1 Payment shall be made within Three months from the date of supply/services after the submission of bill alongwith the acknowledgement receipts duly filled and signed by the competent authority and that no complaint is received by this office regarding the goods supplied.

15.2 The payment to the Material/services supplied shall be made through online mode only.

15.3 Income tax and other statutory dues shall be deducted from the bill as per prevalent rates.

### **16. Sealing, Marking and Submission of Offer: -**

16.1 The Technical offer and the Commercial offer shall be placed in separate envelopes super scribed:

“Technical offer” or “Commercial offer” as the case may be, followed by the words **“Invitation of Quotation for Providing Digital Technology System for conducting Physical Endurance Tests”**

16.2 Name of the supplier and contact address should also be written on the envelope.

16.3 The supplier shall seal the Envelope No. 1 as Technical envelope and Envelope No.2 as Commercial envelope in separate inner envelopes, duly marking the envelopes as “Envelope No.1, Technical Envelope” and “Envelope No.2 Commercial Envelope”.

16.4 **The Technical Offer (Envelope-1)** should contain following documents:-

(1) Certificate of Incorporation as issued under the Companies Act of 2013 or other relevant Act/Laws.

(2) Copy of PAN Card.

(3) Copy of GST Registration Certificate valid as on 1<sup>st</sup> April, 2022.

(4) Copy of GST latest GST Payment Challan as per relevant Act/Law/Rules.

(5) Income Tax Return Acknowledgment / Income Tax Clearance Certificate for last three years i.e. 2020-2021, 2019-2020, 2018-2019.

(6) Proof in support of having successful experience of at least five work order in last Five (5) years of using RFID equipment for measuring timings of a run for a minimum of 10,000 candidates in an error free manner.

(7) Copies of audited financial statement for last three years i.e. 2020-2021, 2019-2020, 2018-2019.

(8) Undertaking in prescribed format. **(Annexure-2)**

(9) Technical Specifications **(Annexure-3)**

(10) EMD of Rs. 15,000/-

16.5 The sealed envelopes must be super-scribed with the following information:-

(1) Type of Offer (Technical or Commercial) (2) Quotation Reference Number (3) Name of service provider

16.6 The two envelopes shall be placed in an outer envelope.

16.7 The inner and outer envelopes shall also be addressed to Secretary, Maharashtra Public Service Commission, 8<sup>th</sup> Floor, Cooperage Telephone Exchange Building, M. K. Road, Mumbai – 400 021.

16.8 The name and address of the Service Provider shall be written on outer envelope to facilitate return unopened in case it is declared “late”.

16.9 All two inside envelopes should be separately securely sealed and/or stamped.

16.10 If the outer envelope is not sealed and marked, the Secretary, Maharashtra Public Service Commission shall assume no responsibility for the Service Provider’s misplacement or premature opening.

16.11 Telex, cable or facsimile bids shall be rejected.

16.12 The Technical offer (T.O.) shall be complete in all respects and contain all information asked for except prices. The Technical Offer must be submitted in an organized and neat manner.

16.13 No documents, brochures, etc. shall be submitted in loose form.

16.14 All the pages shall be serially numbered.

16.15 Offers shall be submitted on the letter Head of the firm, which should contain PAN/TIN No./STD Number/ Phone Number/Fax Number/URL, email and other details of the firm.

**16.16 Language of Proofs:**

In case the document submitted is in a language other than Marathi or English, a certified copy of translation of the same in Marathi or English should be enclosed and the translation be also certified by the professional who has otherwise certified the said proofs.

**16.17 Commercial Offer (Envelope-2)**

(1) Second envelope shall be marked as Envelope No. 2. “Commercial Envelope” which contains only price schedule in the prescribed Pro-Forma (**Annexure-1**)

(2) The Commercial Offer shall be on fixed price basis.

(3) Price quotation accompanied by vague and conditional expressions Such as “Subject to immediate acceptance.” “Subject to confirmation”, etc. should be treated as being at variance and shall be liable for rejection.

**17. Last Date and Time of receipt of Quotations:**

17.1 The quotations should be sent in sealed envelope in the name of Secretary, Maharashtra Public Service Commission at 8<sup>th</sup> Floor, Cooperage Telephone Exchange Building, M. K. Road, Mumbai - 400 021 latest by **3:00 PM on 3<sup>rd</sup> October, 2022.**

17.2 Quotations will be opened in the presence of the Service Provider or their representative who choose to attend.

17.3 The date and time will be communicated after the closing date for submission of quotations.

Dated :- 22<sup>nd</sup> September, 2022

Secretary  
Maharashtra Public Service Commission

Annexure-1

PROFORMA FOR SUBMISSION OF QUOTATION (On the Letter-Head of the Service Provider)

Date:

To,  
The Secretary,  
Maharashtra Public Service Commission,  
Bank of India Building,  
3<sup>rd</sup> Floor, Hutatma Chowk, Fort,  
Mumbai 400 001.

**Name of Work:** Providing Digital Technology System for conducting Physical Endurance Tests

Quotation No: 09/ 2022

Sir,

I / We do, hereby, tender to execute the above mentioned work on piece work basis and in accordance with the terms and conditions of the quotation and as per specifications mentioned herein the quotation form in consideration of payment being made for quantity of work, executed at tendered rates indicated as follows:-

Sr. No.	Description of the Item	Unit	Basic Price per Unit (in INR)
1	Providing Digital Technology System for conducting Physical Endurance Tests as per the scope of service/ work	Per Candidate	

We have read the quotation notice, terms and conditions of Quotation, instructions to the Service Provider and rules and regulations of the MPSC and the same shall be binding on us.

Yours faithfully,

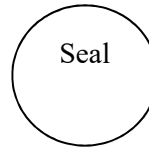
Signature of Service Provider

Date : / /2022

Name

Address

Witness



**Annexure – 2**  
**Undertaking (On Letter Head)**

I / We undertake that I / We do not have any relation with purchase officer or any other employee of the MPSC.  
Also, we have submitted single quotation for this supply.

Seal

Authorized Signatory

Date :

**Annexure –3**  
**(On Letter Head)**  
**TECHNICAL SPECIFICATIONS**

- (1) Subject: - Quotation for.....  
(2) Name and full address of the firm submitting the tender.....  
(3) Technical requirement :-.

<b>Sr.No.</b>	<b>Description</b>	<b>Details required</b>
1	RFID for Races	(a) Note on functioning of RFID (b) Note on accuracy of measurement of time by RFID and equipments (c) Formation of start & finish line for RFID (d) Synchronization of video camera with RFID. (e) Note on avoidance of duplicity in use of RFID.
2	Digital Technology system for distance measurement for Shot Put and Long Jump events	Note on functioning, accuracy and synchronization of digital system. Please give details of level of accuracy and equipments.
3	Synchronized cameras (or) any other automated solution for measurement of time /distance/ height and recording of events	Note on the feature of recording system for each event of Physical Endurance Test.
4	Any other details	

Note: - Please attach literature/catalogues of equipment(s)

Seal

Authorized Signatory

Date :