

Government of Haryana
Department of Science and Technology
The Haryana State Council for Science and Technology
Panchkula
Website: www.dstharyana.org

TENDER DOCUMENT

For supply, installation and testing of new digital projection system and full dome planetarium shows at Kalpana Chawla Memorial Planetarium, Kurukshetra.

Documentation Fee: Bidders have to deposit Rs. 500/- as document fee plus Rs. 1000/- as e-services fee i.e.: Rs. 1500/- (both the fee are non-refundable).

E.M.D.: Bidders have to submit Rs.25,000/- online as E.M.D. *The E.M.D. of the unsuccessful agencies will be returned without any Interest amount.*

Important Dates:

Date of commencement of online submission of offers:	17.09.2016
Last date & time for online submission of offers:	17.10.2016 up to 09:00 am
Last date for submission of E.M.D online:	14.10.2016
Date & Time for opening of Technical Bid:	17.10.2016 up to 10:00 am
Date & Time for opening of financial bid shall be informed later on only to the agencies whose Technical bid is found suitable.	

Introduction:

Haryana State Council for Science & Technology (H.S.C.S & T) is an autonomous body working for the promotion of Science in the state. Kalpana Chawla Memorial Planetarium is working under the aegis of (H.S.C.S & T), located in district Kurukshetra of Haryana state in memory of India's first woman N.A.S.A Astronaut Dr. Kalpana Chawla. The planetarium is a medium size Horizontal Dome Planetarium with 12 meters diameter Dome. The planetarium has 118 seats arranged uni-directionally. Presently the shows are being shown with the help of single digital projector with 165° Fisheye Lens installed in the center of the Dome. The projector's make & model is Christie DS+5K. The Planetarium also has 5.1 surround sound audio systems, R.G.B Cove Lights etc. A 15 KVA UPS is available to provide power backup. Details of presently installed equipments are available at **Annexure A**.

Objective of the tender:

To identify and shortlist reputed professional agencies who could provide new digital projection system and shows for Planetarium which should include good quality Digital projector(s), projection computer hardware/software and full dome planetarium shows on Astronomy, Astrophysics and Natural Sciences. To award the work mentioned in this tender to agency if found suitable.

GENERAL TERMS AND CONDITIONS:

Tender is invited for purchase of below mentioned items & services in single stage two cover system i.e. Request for Pre-Qualification/Technical Bid (online Bid under PQQ/ Technical Envelope) and Request for Financial Bid (comprising of price bid Proposal under online available Financial Envelope):-

Name of Items	E.M.D. to be deposited by bidder	Document Fee & e-Service Fee (Rs.)	Start Date & Time of Bid Preparation & Submission	Expiry Date & Time of EMD Submission	Expiry Date & Time of Bid Preparation & Submission
Supply, Installation, Testing of New digital projection system and Full dome planetarium shows.	Rs. 25,000/-	Rs.500/-+ Rs. 1000/- Total= Rs. 1500/-	17.09.2016, 10:00am	14.10.2016, 24:00	17.10.2016 upto 09:00 a.m

Under this process, the Pre-qualification/Technical online bid (in Ms-Excel template uploaded on webiste) (sample appended at **Annexure-C** with this document) as well as online Commercial/financial Bid (in Ms-Excel template uploaded on webiste) (sample appended at **Annexure-D** with this document) shall be invited at single stage under two covers i.e. PQQ/Technical & Financial/Commercial Envelope. Bidders are required to fill online bid templates and attach supporting documents. Eligibility and qualification of the bidder will be first examined based on the details submitted online under first cover (PQQ/Technical) with respect to eligibility and qualification criteria prescribed in this document. If required, before opening of the Financial bids, bidders may be asked to give presentation to the Expert committee constituted by the Council in order to show their implementation plan, equipment details, demonstration of the software functions and services etc. being offered as per their proposal. The Financial Bid under the second cover shall be opened only for those bidders whose PQQ/Technical offers are responsive to eligibility and qualification requirements as per document. The shortlisted bidders shall be informed regarding date and time of opening of Financial bids accordingly.

1. The payment for Document Fee and e-Service Fee shall be made by eligible bidders online directly through Debit Cards & Internet Banking Accounts and the payment for E.M.D. can be made online directly through RTGS/NEFT or OTC Please refer to 'Online Payment Guideline' available at the Single e-Procurement portal of G.o.H (Govt. of Haryana) and also mentioned at **Annexure-G** of this document.
2. Intending bidders will be mandatorily be required to sign-up online (create user account) on the website <https://haryanaeprocurement.gov.in> to be eligible to participate in this tender. **Bidder will be required to make online payment of Rs. 25,000/- towards E.M.D fee in due course of time i.e. between (17.09.2016 to 14.10.2016). If the intended bidder fails to pay E.M.D. fee under the stipulated time frame, he/she shall not be allowed to submit his / her bids for the respective event.**

3. The interested bidders must remit the funds at least T+1 working day (Transaction + One working Day) in advance i.e. on or before **14.10.2016** and make payment via RTGS /NEFT or OTC to the beneficiary account number specified under the online generated challan. The intended bidder thereafter will be able to successfully verify their payment online, and submit their offer on or before the expiry date & time of the respective event at <https://haryanaeprocurement.gov.in>.

The interested bidder shall have to pay mandatorily e-Service fee (under document fee – Non refundable) of Rs.1000/- (Rupee One Thousand Only) online by using the service of secure electronic gateway. The secure electronic payments gateway is an online interface between bidders & online payment authorization networks.

The Payment for document fee/ e-Service fee can be made by eligible bidders online directly through Debit Cards & Internet Banking.

The interested bidders must remit the funds at least T+1 working day (Transaction + One working Day) in advance before the expiry date & time of the respective events. And make payment via RTGS/NEFT to the beneficiary account number specified under the online generated challan.

The bidders can submit their documents (Online) as per the dates mentioned in the key dates:-

Key Dates

Sr. No.	Council's Stage	Bidder's Stage	Start date and time	Expiry date and time
a		Tender Document Download and Bid Preparation/Submission	17.09.2016	17.10.2016 upto 09:00 am
b	Technical Bid Opening		17.10.2016 at 10:00 am	
c	Financial Bid Opening		Shall be informed later on only to the agencies whose Technical bid is found suitable.	

Important Note:

- The bidders have to complete 'Application / Bid Preparation & Submission' stage on scheduled time as mentioned above. If any bidder failed to complete his / her aforesaid stage in the stipulated online time schedule for this stage, his / her Application/bid status will be considered as 'Applications / bids not submitted'.
- Applicant/bidder must confirm & check his/her Application/bid status after completion of his/her all activities for e-bidding.
- Applicant/bidder can rework on his/her bids even after completion of 'Application/Bid Preparation & submission stage' (Application/ bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/ bidder Stage.
- For detailed guidelines regarding online bidding and payment bidders may please refer

to **Annexure-G** appended with this document.

4. The term “Council” wherever mentioned in this document shall mean the authorities of Haryana State Council for Science & Technology, Panchkula, parent organization of Kalpana Chawla Memorial Planetarium, Kurukshetra. The term “planetarium” wherever mentioned in this document shall mean Kalpana Chawla Memorial Planetarium, Kurukshetra. The term “bidder” wherever mentioned shall mean the bidder(s)/agency(s) taking part in this tender.
5. Bidders are required to submit their offers in English language only.
6. Any Manufacturer / Supplier / Dealer/system integrator who has been declared defaulter or/and Blacklisted by Government of India’s/State Govt.’s/Semi Govt.’s office shall not be eligible to participate in this tender. Any fraudulent practices including concealing of facts at the time of submission of offer and there after shall lead to disqualification and forfeiting of E.M.D. or/and any security deposited/bank guaranty. The bidders are required to upload a declaration as part of **Technical Bid** in the prescribed format appended at **Annexure “E”** of this document.
7. The Council does not bind itself to accept the lowest offer and reserves the right to reject/accept fully or partially any or all offers received, without assigning any reasons. The decision of the “Council” in this regard shall be final and binding on the bidder.
8. Foreign bidders should apply through their authorized Indian dealers and payment in Indian rupees is preferable.
9. The bidders are informed that they should not call Council/planetarium over phone or contact in person. All clarifications can be obtained through E-Mail/FAX/Post. Bidders shall not make attempt to establish unsolicited and un-authorized contact with Council after the opening of the offers and prior to the notification of the award. Any attempt by any bidder to bring to bear extraneous pressures on Council shall be sufficient reason to disqualify the bidder.
10. Council reserves the right to modify or alter the specifications after short listing of bidders.
11. Council reserves the right to change the order quantity or split the orders among multiple bidders without assigning any reason(s) whatsoever.
12. Council reserves the right to reject any or all the offers without assigning any reasons whatsoever.
13. The bidder shall always inform the Council in writing about any change in its address or the names, addresses, contact numbers & emails of its key personnel. Further, the bidder shall not change its ownership without prior approval of the Council.
14. In case of arithmetical error or discrepancy in the prices quoted the decision of the Council shall be final and binding on the bidder.
15. For evaluation the price mentioned in the words shall be taken if there is any difference in figure and words in the price bid.
16. The bidder hereby represents, warrants and confirms that the bidder :
 - a. Has necessary skills, knowledge, expertise, adequate capital and competent personnel, system and procedures, infrastructures and capability to complete its obligations in accordance with the terms of this tender and to the satisfaction of the Council.

b. Has complied with and obtained necessary permissions/licenses, authorizations under Central, State and local authorities and obtained all required permissions/licenses for carrying out its obligations under this tender.

17. Any notice or other communication required or permitted to be given between the parties under this tender shall be given in writing at the following address or such other addresses as may be intimated from time to time in writing:

Council:

The Secretary, Executive Committee and Chief Executive, The Haryana State Council for Science & Technology, Bays: 35-38, Sector – 2, Panchkula – 134109.

Bidder shall mention such address (es) in the technical bid.

18. It is understood between the parties hereto that during the course of business relationship, the bidder may have access to confidential information of Council and it undertakes that it shall not, without Council's prior written consent, disclose, provide or make available any confidential information in any form to any person or entity or make use of such information. This clause shall survive for a period of five years from the date of expiry of this contract or earlier termination thereof.
19. Neither party shall be in default if a failure to perform any obligation hereunder is caused solely by supervening conditions beyond that party's responsible control, including acts of God, civil commotion, acts of terrorism, labour disputes and government or public authority's demands or requirements.
20. In case of dispute between the O.E.M. and its authorized agency/distributor and/or any subcontractor, O.E.M. shall be directly responsible to provide services, equipments etc. as per this tender's terms and conditions.
21. Council shall do all communications, transactions, transportation of spares, get services from/with the O.E.M.'s Indian authorized dealer and shall not deal directly with the O.E.M. unless required exceptionally.
22. After award of the work, Council shall not be responsible in case of loss/damage/injury happened to any representative of the bidder while providing services to the Council. In case any loss happens to Council during the purchase warranty and A.M.C. period due to mishandling/poor workmanship by the bidder's/agency's representative same shall be recovered from the agency.
23. In case of any dispute arising out of the contract between the Council and the bidder, the matter shall be referred to the sole arbitration of a person to be appointed by the Secretary, Executive Committee and Chief Executive of Council (The H.S.C.S&T, Panchkula) on receipt of an official request with details of dispute, from either the Council or the bidder. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to the contract. The submission shall be deemed to be submission to arbitration under the Arbitration and Conciliation Act, 1996 or any statutory modification of re-enactment thereof and of the rules made there under for the time being in force.
24. The Council shall have the right to immediately terminate this agreement and forfeit the security deposit and/or any dues of the bidder if the bidder becomes insolvent, ceases its operations, dissolves, files for bankruptcy protection, appoints receivers, or enters into an

arrangement for the benefit of creditors. Any disputes arising during this contract between the bidder and Council unless resolved amicably, shall be settled by a Court of Law having jurisdiction over Panchkula or Chandigarh.

25. The contract can be terminated by the “Council” at any time without notice in the event of gross security risk or gross damage to “Planetarium’s property due to bidder’s/agency’s failure or persistent failure of the bidder/agency in providing satisfactory service to the “Planetarium” and the decision of the “Council” in this regard shall be final and binding on the bidder/agency. The payments due and security deposit/bank guaranty of the bidder/agency will also be forfeited.
26. For reasons other than mentioned in the above clause, the contract can be terminated by either party by providing clear six months advance notice in writing along with reason for doing so.
27. In the event of failure of the bidder/agency to provide the services or part thereof as mentioned in this document for any reasons whatsoever, the Council shall be entitled to procure services from other sources and the bidder/agency shall be liable to pay forthwith to the Council the difference of payments made to such other sources, besides damages at double the rate of payment.
28. Liquidated damages: If the bidder, after accepting the Purchase Order, fails to deliver any or all of the Goods, software and/or services within the period specified in the Order, Council shall, without prejudice to its other remedies under the Govt. Rules, proceed to cancel the order or agree to accept a delayed delivery on the condition of payment of liquidated damages by the bidder a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 10% of the total cost. Once the maximum is reached Council may proceed on its own to consider the termination / cancellation of the order.
29. Effort has been made to include all the intended works related to this tender in this document but in spite of that inadvertently if any work and/or service is left out then it shall be up to the bidders to clearly mention the work and/or service in the technical bid and its charges separately in the financial bid.
30. Bidder shall clearly mention the details of the work, items and/or services in the technical bid and then give corresponding prices in the Financial bid. Prices given without the details of work, items and/or service shall not be considered.
31. The bidder(s) shortlisted for the award of the order shall have to sign a stamp paper agreement with the Council in order to fulfill their Warranty/Guaranty obligations etc. as per Council’s terms & conditions.
32. Council shall not be responsible in case bidder is unable to participate, upload properly or faces any kind of problem while registration, uploading E.M.D., filling tender etc. on Haryana e-procurement portal. In such case bidder shall contact e-procurement helpdesk.
33. After short listing of the agency (ies) Council reserves the right to negotiate with the agency (ies) the services and/or equipment being provided and/or price quoted.

SCOPE OF WORK

1) The scope of work includes following works:

- A) Dismantling and uninstalling the present projection system equipment, accessories, wirings etc., their proper packing and storage at a safe place in planetarium.
- B) If required, covering the opto-mechanical projector pit with sturdy covering of iron mesh with wooden ply covering etc. or any suitable alternative, carpeting & finishing.
- C) Installation of new digital projection system [which includes digital projector(s)], video projection computer hardware, software, accessories, wirings etc. Testing, commissioning and staff training.
- D) Integration of the new projection system with the existing audio system and cove lighting etc.
- E) Shifting of operator console inside the dome peripheral gallery.
- F) Connection with existing 15 KVA U.P.S for power backup and testing.
- G) User training on operation maintenance of the system and use of projection software for generating real-time rendering images and videos, audios, production of shows etc.
- H) Providing full dome pre-rendered shows and their demonstration at the planetarium.
- I) Providing spare projector lamps and their testing at planetarium.

2) Minimum specifications of the required equipment, software, accessories etc.:

a) Hardware:

- Digital projector:
 - Resolution: 2650X1600 native resolution or better,
 - Contrast Ratio: 8000:1 or better,
 - Brightness per projector: 7500 ANSI Lumens or better,
 - No. of projectors: 02 (or more),
 - Lamp Life: Minimum 2000 Hrs. (or better),
 - Standard cables, connectors, remotes, accessories, manuals etc.
- Computers: Should be branded with 3 years on-site support warranty for hardware and software, monitor, backlit keyboard, mouse etc. One dedicated high end computer for graphic handling, manuals provided by the O.E.M.'s of the equipments, list of spares required.

b) Software :

Computer Operating system should be of latest version of Microsoft Windows, Real time planetarium production system with facility to show pre-rendered full dome videos. Easy to use software for night sky generation and rendering images and videos along with e-help manuals and help videos. Space library of images, trailers and full dome videos and software, Starry Night or equivalent sky simulation software, Full dome media player, Comprehensive library of Scientific data and ready to use educational material, soft & hard copies of the help manuals of software applications, system settings, Scheduled Soft updates.

- c) Others: Online support mechanism for discussions and sharing resources through forums, chatting, email with online users from other planetaria, science centers etc.
- 3) Bidder should visit the planetarium with prior intimation for feasibility study and to check the compatibility of their projection equipment with the present system at the Planetarium well in advance. Bidder shall not visit Council/Planetarium without prior permission. Bidder shall enclose a declaration in Technical Bid as per format appended at **Annexure-B**.
 - 4) If required by the bidder, the bidder shall arrange for the Transit Insurance Cover of the equipment(s) and same should be up to the successful installation, running and handover of the equipment at Kalpana Chawla Memorial Planetarium, Kurukshetra. Council shall not be liable in case of any kind of damage/breakdown of equipment during transit, up to the final installation and handover of the equipment to the Planetarium. Council shall not take over the system, accessories etc. supplied if found damaged, mishandled, incomplete etc.
 - 5) After receipt of the consignment at Planetarium the bidder shall provide list of the materials containing item names, specifications, size, quantity, brand, model etc. and shall give adequate time to the Council to inspect the items in the consignment.
 - 6) The purchase guaranty/warranty of the projector(s), computer systems and other associated equipment should be minimum 3 years. The agency shall provide a bank guaranty to the Council equivalent to 10% value of the work order in order to ensure performance up to the satisfaction of Council during the purchase warranty period. The bank guaranty shall be valid for a period of 3 years plus 30 days beyond the warranty period.
 - 7) Complete user, technical and service documentation, installation media of all software applications along with the lifetime licenses are to be provided along with the supply of the equipment.
 - 8) The digital projector model quoted offered should be latest with at least 10 years of life time from the date of manufacturing. The agency shall give the make, model, specifications and Date of Manufacture of the projector(s) mentioned in Technical bid.
 - 9) Bidder shall provide complete functional drawings related to installation, wirings, connections, operator console functions of the system.
 - 10) Bidder shall also provide the list of spare parts required during the maintenance of the system along with their prices in the financial bid.
 - 11) Bidder shall also provide 24X7 telephonic, email and remote desktop support regarding the operation and maintenance of the system throughout the week. The bidder shall also mention their Telephonic support number/numbers in their offer.
 - 12) Apart from physical diagnosis bidder shall also provide relevant software maintenance releases and updates on optical or magnetic media and will also provide the 24X7 telephonic/email/remote desktop support to guide the Planetarium through the installation of the maintenance release/update.
 - 13) The bidder shall arrange for training of up to 3 Planetarium personnel and for a period of 6 consecutive days regarding the operation, maintenance, trouble shooting of the system/equipment and show production through the Sky Simulation software and other related software and space library. Apart from this bidder shall also provide a follow-up training to

planetarium staff for minimum 3 consecutive days (at least 3 hours daily) during the purchase warranty period of equipment in concurrence with the Council.

- 14) Apart from training mentioned under *clause 13 above* the Bidder shall start training of the staff right from assembling & installation of the equipment.
- 15) It is preferable that the bidder shall integrate the present equipment with the new Digital Projection System being supplied. The bidder should integrate through software the present cove lights and the audio system with the system being supplied. The existing audio system, cove lights etc. should be integrated with the new projection system in such away so as to enable their control and functionality through software in new system. Before applying in the tender the bidder shall visit the planetarium and inspect the existing equipments. It shall be responsibility of the bidder to remove any faults in the existing audio, cove lights etc. systems at the time of their integration with the new system. If required bidder may add any other component required for making cove lights and audio systems functional and quote rate accordingly in their offer. The details and specifications of the audio system, cove lights, etc for integration are available at **Annexure -A** appended with this document.
- 16) After integration of presently installed equipment like cove lights, audio systems etc. bidder shall also provide maintenance support for existing audio, cove lights systems and their associated equipments when required. Bidder shall also specifically indicate/mention in their Technical bid offer that they will provide maintenance support for these equipments during purchase warranty period of the system supplied by them and during the period of A.M.C.
- 17) Bidder shall arrange for installation of projectors in such way that it does not obstruct the dome ambience and disturbs visitor's view. In case due to installation of new projection system, seating/interior re-arrangement is required which involves additional expenditure then the bidder shall give details of the work in Technical bid and mention the cost in financial bid.
- 18) Bidder shall clearly indicate any services/spare parts not covered under purchase warranty/guaranty and A.M.C. Bidder shall enclose list of rates of spare parts in financial bid.
- 19) After registering of complaint by the Council, the Bidder shall maintain fault diagnosis time of 24 hours (through telephonic/email/remote desktop support) i.e.: bidder shall diagnose the complaint at planetarium maximum within 24 hours of registering of complaint. If problem is not solved through telephonic/email/remote desktop support then bidder shall provide physical diagnosis by sending engineer at planetarium maximum within 48 hours of the registration of complaint. Bidder shall also quote the maximum Fault resolution time during the purchase warranty/guaranty period and AMC.
- 20) The Bidder shall indemnify and keep the Council indemnified regarding the safe operation and general maintenance/handling of the equipment from time to time.
- 21) Council shall take over the digital projection system only after successful installation, operation and training of planetarium personnel (excluding follow-up training) by the bidder (including providing adequate operation and maintenance manuals, presentations, warranty/guaranty cards certified by the bidder etc.)
- 22) Bidder shall also inspect the existing fish eye lens fixed with the digital projector and shall mention whether it can be re-used in the new system or not.

23) **Payment Terms:** The payment shall be released in parts at various stages during the execution of the work. Bidder shall submit bank guaranty of value equivalent to 10% of total cost of the purchase order valid for the period of purchase warranty plus 30 days above. The bidder shall provide bank guaranty from a Nationalized Indian Bank. The rates quoted should be in absolute value (not in percentage). The bidder shall clearly mention terms of payment, mode of payment, period of the bank guaranty to be submitted in the financial bid. The bidders shall submit a bank guaranty with a validity of additional 30 days time period, *For example : if the agency has to submit a performance bank guaranty to cover the warranty period of three years then agency shall submit a bank guaranty valid for a period of 3 years plus 30 days.* The bank guarantee will be returned to the bidder after the satisfactory completion of above mentioned period as per terms and conditions of the contract agreement

A.M.C.

24) After the expiry of 3 years of purchase warranty of the equipments Council may at its discretion go for Annual Maintenance Contract (AMC) of the equipment (i.e.: Council may or may not give order for AMC to the bidder). So, Bidder shall quote charges (on yearly basis) for both i.e.: a) Annual comprehensive A.M.C. and b) Annual non-comprehensive A.M.C. of the system separately in the financial bid. If the services of the bidder during the AMC period are up to the satisfaction of Council, then Council may extend the A.M.C. award year after year successively as per payment terms accepted by the Council in this tender. The Council reserves the right to award or not award A.M.C. to any bidder.

25) There shall be no advance payment in case of A.M.C. Payment in case of A.M.C. shall be biannual after the expiry of every six months and subject to the satisfactory services of the agency. Payment shall be Indian currency.

26) During A.M.C. bidder shall provide on-site support at Planetarium.

27) If bidder cannot provide on-site support then bidder should specifically mention the case(s) in which he/she/they could not do so.

28) If any faulty equipment, spare, accessory, software etc. is required to be transported from Planetarium to equipment O.E.M.'s Lab in India or abroad it shall be the responsibility of the bidder (Indian authorized dealer) to do so. Council shall not pay separate charges for transportation, transit insurance of the items, taxes etc.

29) A.M.C. should have at least two fixed maintenance sessions annually in which bidder will depute their engineer to inspect the equipment, software etc. During this check bidders engineer will repair, fine tune, clean, re-install, correct, update/upgrade etc. the equipment and/or software functions etc.

30) It shall be the responsibility of the bidder to keep the Planetarium staff updated regarding various maintenance procedures from time to time and regarding the usage of various software applications like real time render software, show production module etc.

31) The parts replaced should be of equivalent brand, performance and functionality. In case if the parts replaced are not of equivalent performance and functionality then the bidder shall replace the same maximum with 15 days after receipt of intimation from the Planetarium/Council.

SHOWS

- 32) Bidders shall make the show video format, sound effects clear (compatible with 5.1 surround sound system), visually sharp and compatible with the new digital system being purchased through this tender. In case if Council is not satisfied with the quality of the show output then bidder shall make changes/corrections in the show up to the satisfaction of Council at his/her own cost. Bidder shall be given maximum 15 days of time for rectification/modification in the show(s). In case of delay, penalty shall be imposed as mentioned in clause no: 35.
- 33) 100% payment of the bidder in regard to shows shall be released only after receipt of satisfactory quality of shows.
- 34) Bidder shall quote prices of shows separately in the financial bid.
- 35) Bidder/agency shall deliver the shows and conduct demonstration of the final shows at the Planetarium.
- 36) After placement of order agency shall not take time more than the time agreed in this tender for the delivery of ready to exhibit shows. In case of delay, Council reserves the right to impose penalty@0.2% of total purchase order cost for per week of delay.
- 37) Bidder shall also make the present two shows titled "Oasis in Space" and "Astronaut" compatible to run with the new projection system.
- 38) Council may increase or decrease the quantity of the shows to be purchased after opening of financial bids. Council is also not bound to purchase any show after opening of financial bids.
- 39) Bidder shall quote rate (in financial bid) for full dome shows as per topics given in Technical bid with a limited use license of 10 years separately for Planetarium. The duration of the shows should be from 20 to 35 minutes. The bidder shall provide shows in English and Hindi languages. Before dubbing bidder shall send Hindi translation of the show script for approval of the Council. The bidder must provide the official license of the producer of every show that is included in the system and enclose a declaration from the producer of the show. The filled-in format of declaration appended at **Annexure-F** is required to be uploaded as part of Technical bid.

LAMPS

- 40) Bidder shall mention the projector lamp make, model & specifications in the Technical bid and quote price for 5 (five) spare projector lamps per projector/10 spare projector lamps per projector in case if two lamps are used per projector in the Financial bid. Lamp prices should be given separately.
- 41) After opening of the financial bid Council may or may not purchase the projector lamps. Council reserves the right to purchase lamps from any other bidder or from open market.
- 42) The guaranty/warranty period of the lamp(s) shall start from the date of installation of the lamp(s) in the projector(s).
- 43) Council may or may not purchase full quantity of the lamps (as mentioned here) in a single go. Council may at its discretion purchase less quantity of lamps as per its convenience. In such a case the bidder shall not increase the price of the lamps purchased later by the Council above the price agreed in this tender.

DEVIATIONS

44) By applying to this tender the bidder is deemed to have agreed to all terms and conditions of this document. If bidder feels any deviations in the clauses mentioned in this document, the bidder shall mention such deviations on a separate sheet under heading "Deviations". In this sheet bidder can make modification in his/her offers by giving clear justification and reference of the clause, however it is up to the Council to finally decide whether to accept such modification or not.

ANNEXURE - A: List of presently installed equipments

1. 12-meter diameter dome.
2. Unidirectional Seating arrangement.
3. N.E.C LCD projector
4. Other equipments are given below :

Sr.No.	Equipment	Make	Model	Quantity
1	Low Noise Line Mixer, 16 input	Behringer	RX1602	01
2	Audio Amplifiers	Crown	Cts 1200	03
3	Mike	Shure	515SDX	01
4	Network Signal processor	BSS	Soundweb 9088iis	02
5	Remote control for network signal processor	BSS	Soundweb 9010	01
6	DVD Player	DENON	DVD-3910	01
7	24 Track Digital Recorder	Fostex	D2424LV	01
8	230 V AC Power Controller	Pulizzi Engineering Inc	Z Line	02
9	Audio Mixers	RDL	TX-MX2R	02
10	Speakers	Community	CPL43-94B	05
11	Sub Woofer	Community	CPL55-B	01
12	DVI extender Kit	Gefen	DVI 1000 HDS	01
13	Ethernet 4-port switch	Cisco	BEFSR41	01
14	8 port Serial Port Hub	COMTROL	Device Master	01
15	RGB Cove Lights	Boca flasher	CCS100 Rev-e	01 set with power panel
16	Fish Eye Lens	Jenoptik	165°	

ANNEXURE-B

Declaration

To

The Secretary, Secretary, Executive Committee and Chief Executive,
Haryana State Council for Science & Technology,
Bays: 35-38, Sector: 2, Panchkula- 134109.

Sir,

This is to certify that I/we (or my/our representative) have visited Kalpana Chawla Memorial Planetarium and had thoroughly checked the existing planetarium infrastructure. I have knowledge and satisfied myself/ourselves regarding the condition and functionality of the existing planetarium infrastructure like dome, projection equipment, audio system, cove lights, electrical wiring & fittings, earthing, interior, U.P.S for power backup and associated accessories.

Name & Signatures of Proprietor/Managing
Director along with office seal

ANNEXURE - C: Pre-Qualification-cum-Technical Bid

Please do not give any Financial information/payment terms in this format

Sr. no.	Information Required	Bidder's response
1	Name of the bidder and address	
2	Telephone no., FAX No.	
3	E-mail	
4	Name and contact no. of Managing Director/Director/Proprietor	
5	Date of incorporation	
6	Nature of the establishment - Government / Public / Private Company / Partnership / Proprietorship	
7	Specify number of years in this line of activity by the bidder	
8	Bank details (Name and Account No., IFSC code etc.)	
9	Document fee of Rs.1500/- & EMD fee of Rs. 25,000/- deposited online or not?	Yes/No
10	Enclose the list of customers to whom you have supplied similar Projection systems during the last 10 years ending 31/03/2016 (please give projection system name & model/version) with full postal address and name of the concerned contact person with mobile phone no., FAX numbers, and E-Mail id's.	Enclosed (Yes/No)
11	List of planetaria where agency is presently providing A.M.C. services. Please enclose certified copies of Performance Certificates issued by such planetaria regarding satisfactory performance by the agency during purchase warranty & A.M.C. period.	Uploaded (Yes/No)
12	Please enclose latest valid Authorization certificate issued by O.E.M. allowing the bidder to take part in this tender and further provide services under warranty and A.M.C. periods.	uploaded (Yes/No)
13	Can you provide working demonstration of the equipments being offered at Planetarium at Kurukshetra (Haryana)?	Yes/No
14	On Manufacturer's side to whom Council have to contact in case of delay in supply and other issues committed by the authorized dealer / distributor / reseller : <i>If more than one contact person is there then please provide names, emails & contacts of all persons department/section wise.</i>	
15	Please enclose undertaking from the O.E.M. that the Projector Spare Lamps, Service and spare parts Support for the projector and related accessories would be available for <u>minimum ten years</u> from the date of the billing.	uploaded (Yes/No)

16	Please mention life time of Computer system and associated hardware being offered. Please mention life time of the Computer Operating system as per O.E.M.'s norms.	
17	Declarations as per Annexure-B, Annexure-E and Annexure-F of tender document uploaded or not?	uploaded (Yes/No)
18	Turnover in the last three years. Please mention the figures as in audited accounts statements of respective years (2013-14, 2014-15 &2015-16) :	uploaded (Yes/No)
19	Provide the postal address, telephone & fax numbers, and email addresses of the nearest service center of the bidder/agency which will provide support services to Planetarium	
20	Quantity of sales in the last three years for the different type of Projectors (especially for same projection system that you have quoted) 2013-14, 2014-15, and 2015-16: if required, please upload scanned documents in support.	uploaded (Yes/No)
21	Number of service engineers in the above location (as mentioned at Sr. No.10) trained on the product quoted along with their educational qualification, certification and designation.	
22	What would be the maximum time required for delivery of the equipment and associated items/services at Planetarium after placement of order?	
23	What would be the time required for providing ready to exhibit shows in both languages after placement of purchase order?	
24	After receipt of equipment etc. at Planetarium what would be maximum time required for commissioning, user training and handover of the equipment up to the Council's satisfaction at Planetarium?	
25	Do you need Planetarium to be closed for public? If Yes, then for what purpose & time duration?	
26	Please give details of Make, Model, Year of Manufacture & Specification of the Professional grade Full dome Digital projector(s) (suitable for 12 meters Dome at Planetarium) being offered like Contrast Ratio, Resolution, and Brightness etc. If required please also upload documents in support.	if required upload separate documents/c atalogue
27	Please give detailed specifications of the Computer/Electronics Hardware/ software like Operating System and other application programs installed and other associated equipment. Guaranty/Warranty and other associated equipment. If required please also upload document in support	If required upload separate documents.
28	Assured Fault diagnosis time (both during purchase warranty period and A.M.C.) for service calls in hours: a) Diagnosis/Support by 24X7 telephonic, email and remote desktop support should not be more than 24 hours.	Acceptable/

	----- b) Diagnosis by doing physical checkup of the faulty machine by the Engineer should not be more than 48 hours.	not acceptable
29	Assured fault resolution time (for both i.e.: purchase warranty and A.M.C. period) for service calls in hours:	
30	If Fish eye Lens required? If Yes, then please give specifications. Fish eye lens should of professional grade. Adaptor type fish eye lens is not allowed. Can you use existing fish eye lens installed in Planetarium's projector?	
31	No. of projectors and Location of projector(s) installation in dome (in Centre or in Periphery)	
32	Life time of projection system and other equipment being offered as per O.E.M. Year of Manufacture of the projector being offered:	
33	Type and No. of Projector Lamp(s) being used per projector and Lamp life.	
34	Authorized Sources for purchase of lamps in Indian market apart from the bidder, please give contact no. & addresses.	
35	Projectors' O.E.M.'s nearest Lab to Kurukshetra, Haryana (in case of repair is required). List and contacts of Authorized service centers/OEM's lab in India	
36	Other Software details like Sky simulation software, video player etc. Please give features of Sky Simulation software in detail.(All the s/w should be licensed or open source/free to use)	do
37	Guaranty/Warranty (please also mention components not covered under guaranty/warranty separately). <i>The purchase guaranty/warranty of the projector(s), computer systems and other associated equipments should be minimum 3 years.</i>	
38	Have you found any faults in the existing system (audio, cove lights etc.), then please specify steps in detail bidder will take to rectify the same? Whether agency will provide maintenance support for existing equipment (audio system, cove lights etc.) to be integrated with new system or not?	Yes/No
39	Annual Maintenance Contract: (after expiry of purchase warranty) A) Comprehensive b) Non-Comprehensive Please mention detailed terms and conditions, fault resolution time, components and services not covered under A.M.C. etc. (Please do not give price and payment terms in technical bid)	If required upload separate documents.
40	Please give the details of full dome shows (related to below topics) like show titles, script summary, duration and other specifications.	do

	<ul style="list-style-type: none"> o Solar System Exploration o Eclipses and Tides o Stars and Constellations o Galaxies and Cosmology o Space(Universe) o Big Bang & Birth of Universe o Black Holes& other exotic objects o Origins of Life in space o Search for (Intelligent) Life in Universe o History of Astronomy o Planets and Moons o Mysteries of Universe o Deep Sky Objects o Observing the Sky o Any other title related to astronomy <p>Please mention the link of the web portal to enable the Council to see trailers of the shows being offered.</p>	
41	Please give the details work for the interior changes/modifications as per clause no: 17 under <i>scope of work</i> :	
42	Bidders address(es) as per clause no:17 of General Terms & Conditions	
43	Is there any deviation from tender terms & conditions, If Yes, then have you mentioned the same under separate sheet labeled as "Deviations"	Yes/No

ANNEXURE - D: Financial/Commercial Bid		
Sr. no.	Information Required	Bidder's response
1	Name of the bidder and address	Bidders are required to fill the financial bid online in the financial bid template available in their login. Please do not use this sheet. This is for sample only. Please give rates in absolute value please do not quote in percentage.
2	Price of new projection system being offered along with payment terms, Please mention charges for insurance, freight, courier, taxes etc. (if any) separately.	
3	If using Fish eye lens, then please give specifications & price separately.	
4	Price for AMC. Please mention taxes etc. separately for: a) Comprehensive b)Non-Comprehensive	
5	Title wise price list of full dome shows for minimum 10 years of license to exhibit.	
6	Price list of spare parts, taxes, packing, transportation etc.	
7	Price of spare projector lamp(s), taxes etc. (as per scope of work)	
8	Charges for interior re-arrangement/modification as per clause no:17 under <i>Scope of Work</i>	
9	Any other charges	

ANNEXURE - E: FORMAT OF UNDERTAKING

(To be submitted on bidder's Letter Head)

To

The Secretary, Secretary, Executive Committee and Chief Executive,
Haryana State Council for Science & Technology,
Bays: 35-38, Sector: 2, Panchkula- 134109.

Sir,

This is to certify that I/we have been never declared defaulter or/and Blacklisted by any Government of India's/State Govt.'s /Semi Govt.'s office. I/We have not concealed any information and the information submitted by me/ us in this tender is true and best to my/our knowledge.

Name & Signatures of Proprietor/Managing
Director along with office seal

Annexure-F

Authorization letter to be issued by the show producer on the letter head

Date:

To

The Secretary, Secretary, Executive Committee and Chief Executive,
Haryana State Council for Science & Technology,
Panchkula-134109

Sir/ Madam,

In response to the tender dated: _____ for supply of digital planetarium full dome shows I/ we hereby declare that our firm/company having office at is an original planetarium show producer for following listed shows. (List may be annexed with this form)

We hereby authorize firm/Company having office at as our authorized planetarium show distributor to Haryana State Council for Science & Technology, Panchkula. We also confirm that the below listed shows produced by us are provided to above authorized distributor for a limited license for period of years.

(List may be annexed with this form)

Signature

Name

Date:

Place:

Manufacturer Stamp:

ANNEXURE-G

Instructions to bidder on Electronic Tendering System

These conditions will over-rule the conditions stated in the tender document, wherever relevant and applicable.

1) **Registration of bidders on e-Procurement Portal:-**

All the bidders intending to participate in the tendering process online are required to get registered on the centralized e - Procurement Portal i.e. <https://haryanaeprocurement.gov.in>. Please visit the website for more details.

2) **Obtaining a Digital Certificate:**

2.1 The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.

2.2 A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – <https://haryanaeprocurement.gov.in>.

2.3 The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from.

2.4 The bidder must ensure that he/she comply by the online available important guidelines at the portal <https://haryanaeprocurement.gov.in> for Digital Signature Certificate (DSC) including the e-Token carrying DSCs.

2.5 Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during the stage of bid preparation. In case, during the process of a particular bid, the bidder loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the bidders are advised **to keep a backup of the certificate** and also keep the copies at safe place under proper security (for its use in case of emergencies).

2.6 In case of online bidding, if the digital certificate issued to the authorized bidder of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate /power of attorney / lawful authorization to that bidder. The bidder has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the bidder to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized bidder will be binding on the firm.

- 2.7 In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person / bidder on behalf of the firm / company. The procedure for application of a digital certificate however will remain the same for the new bidder.
- 2.8 The same procedure holds true for the authorized bidders in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

3) Opening of an Electronic Payment Account:

For purchasing the tender documents online, bidders are required to pay the tender documents fees online using the electronic payments gateway service. For online payments guidelines, please refer to the Home page of the e-tendering Portal <https://haryanaeprocurement.gov.in>.

4) Pre-requisites for online bidding:

In order to operate on the electronic tender management system, a bidder's machine is required to be set up. A help file on system setup/Pre-requisite can be obtained from Nextenders (India) Pvt. Ltd. or downloaded from the home page of the website - <https://haryanaeprocurement.gov.in>. The link for downloading required java applet & DC setup are also available on the Home page of the e-tendering Portal.

5) Online Viewing of Detailed Tender document:

The bidders can view the detailed tender and the time schedule (Key Dates) for all the tenders floated through the single portal eProcurement system on the Home Page at <https://haryanaeprocurement.gov.in>.

6) Download of Tender Documents:

The tender documents can be downloaded free of cost from the eProcurement portal <https://haryanaeprocurement.gov.in>

7) Key Dates:

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.

8) Online Payment of Tender Document Fee, eService fee & EMD fees & Bid Preparation & Submission (PQQ/ Technical & Commercial/Price Bid):

8.1 Online Payment of Tender Document Fee + e-Service fee:

The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for tender Document Fee and eService Fee shall be made by bidders/ Vendors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD shall be made online directly through RTGS / NEFT & OTC.

The secure electronic payments gateway is an online interface between bidders and Debit card / online payment authorization networks.

8.2 Preparation & Submission of online applications/bids:

- a) Detailed documents may be downloaded from e-procurement website (<https://haryanaeprocurement.gov.in>) from 17.09.2016 to 14.10.2016 and offer mandatorily be submitted online following the instructions appearing on the screen.
- b) **Scan copy of Documents to be submitted/uploaded for Prequalification or Technical bid under online PQQ/ Technical Envelope:** The required documents (refer to tender document) shall be prepared and scanned in different file formats (in PDF /JPEG/MS WORD format such that file size is not exceed more than 10 MB) and uploaded during the on-line submission of PQQ or Technical Envelope.

A. Only Electronic Form (Refer tender document).

Financial or Price bid proposal shall be submitted mandatorily online under Commercial Envelope and original not to be submitted manually)

B. Assistance to the Bidders:-

Technical Support Assistance will be available over telephone **Monday to Friday (09:00 am. to 5:30 pm)**

Important Note:-

All queries would require to be registered at our official email- chandigarh@nextenders.com for on-time support (*Only those queries which are sent through email along with appropriate screenshots or error description will be considered as registered with the Help-desk*). Contact our helpdesk on or before prior to 4 hours of the scheduled closing date & time of respective e-Auction/ Tender event. For queries pertaining to ePayment of EMD, please contact the helpdesk at least 2 business days prior to the closing date & time of eAuction/Tender event. Help-desk support will remain closed during lunch break i.e. from 1:30 PM upto 2:15 PM on each working days

Office Address for Training workshop 1st, 2nd Friday (from 3:30 pm upto 6:00 pm) and 4th Saturday (from 11: 30 am upto 3:00 pm) of each month.

Nextenders India Pvt.Ltd, Municipal Corporation Faridabad, Near B.K.Chowk, Opp. B.K.Hospital, NIT, Faridabad Contact no.- +91- 8743042801/9310335475	Nextenders India Pvt.Ltd, Public Health Division No 2 Hisar, Model Town, Opp. N.D Gupta Hospital, Hisar. Contact: 9034357793	Nextenders (India) Pvt. Ltd., Nirman Sadan (PWD B&R),Plot No.- 01, Basement, DakshinMarg, Sec- 33 A, Chandigarh - 160020 For Support- 1800-180- 2097, 0172-2582008-2009
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For Support – 1800-180-2097 Office will remain closed on Saturday (except 4th Saturday), Sunday and National Holidays

NOTE:-

- a) *Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <https://haryanaeprocurement.gov.in>.*
- b) *For help manual please refer to the 'Home Page' of the e-Procurement website at <https://haryanaeprocurement.gov.in>, and click on the available link 'How to...?' to download the file.*

In the first instance, the online payment details of document fee + e-Service and EMD & PQQ/Technical Envelope shall be opened. Henceforth financial bid quoted against each of the item by the shortlisted bidder/ Agency wherever required shall be opened online in the presence of such bidders/ Agency who either themselves or through their representatives choose to be present.

The bidder can submit online their bids as per the dates mentioned in the schedule/Key Dates above. The bids shall be submitted online in two separate envelopes:

- **Envelope 1: Technical Bid**

The bidders shall upload the required eligibility & technical documents online in the Technical Bid.

- **Envelope 2: Commercial/Financial Bid**

The bidders shall **quote** the prices in price bid format under Commercial Bid.

C. Guidelines for Online Payments in e-tendering

Post registration, bidder shall proceed for bidding by using both his digital certificates (one each for encryption and signing). Bidder shall proceed to select the bid he is interested in. On the respective Department's page in the e-tendering portal, the Bidder would have following options to make payment for tender document & EMD:

- i. Debit Card
- ii. Net Banking
- iii. RTGS/NEFT

Operative Procedures for Bidder Payments

i) Debit Card :

The procedure for paying through Debit Card will be as follows:

- a. Bidder selects Debit Card option in e-Procurement portal.
- b. The e-Procurement portal displays the amount and the card charges to be paid by bidder. The portal also displays the total amount to be paid by the bidder.
- c. Bidder clicks on "Continue" button
- d. The e-Procurement portal takes the bidder to Debit Card payment gateway screen.
- e. Bidder enters card credentials and confirms payment
- f. The gateway verifies the credentials and confirms with "successful" or "failure" message, which is confirmed back to e-Procurement portal.
- g. The page is automatically routed back to e-Procurement portal

- h. The status of the payment is displayed as “successful” in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same,
 - i. The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.
- ii) **Net Banking:** The procedure for paying through Net Banking will be as follows:
- a. Bidder selects Net Banking option in e-Procurement portal.
 - b. The e-Procurement portal displays the amount to be paid by bidder.
 - c. Bidder clicks on “Continue” button. The e-Procurement portal takes the bidder to Net Banking payment gateway screen displaying list of Banks
 - d. Bidder chooses his / her Bank
 - e. The Net Banking gateway redirects Bidder to the Net Banking page of the selected Bank
 - f. Bidder enters his account credentials and confirms payment
 - g. The Bank verifies the credentials and confirms with “successful” or “failure” message to the Net Banking gateway which is confirmed back to e-Procurement portal.
 - h. The page is automatically routed back to e-Procurement portal
 - i. The status of the payment is displayed as “successful” in e-Procurement portal.
 - j. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same. (xi) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

iii) **RTGS/ NEFT:**

The bidder shall have the option to make the EMD payment via RTGS/ NEFT. Using this module, bidder would be able to pay from their existing Bank account through RTGS/NEFT. This would offer a wide reach for more than 90,000 bank branches and would enable the bidder to make the payment from almost any bank branch across India.

- a. Bidder shall log into the client e-procurement portal using user id and password as per existing process and selects the RTGS/NEFT payment option.
- b. Upon doing so, the e-procurement portal shall generate a pre-filled challan. The challan will have all the details that is required by the bidder to make RTGS-NEFT payment.
- c. Each challan shall therefore include the following details that will be pre-populated:
 - ✓ Beneficiary account no: (unique alphanumeric code for e-tendering)
 - ✓ Beneficiary IFSC Code.
 - ✓ Amount.
 - ✓ Beneficiary bank branch.
 - ✓ Beneficiary name.
- d. The Bidder shall be required to take a print of this challan and make the RTGS/NEFT on the basis of the details printed on the challan.
- e. The bidder would remit the funds at least T + 1 day (Transaction + One day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.

- f. Post making the payment, the bidder would login to the e-Tendering portal and go to the payment page. On clicking the RTGS / NEFT mode of payment, there would be a link for real time validation. On clicking the same, system would do auto validation of the payment made.

List of Net banking banks: 1. Allahabad Bank; 2. Axis Bank; 3. Bank of Bahrain and Kuwait; 4. Bank of Baroda; 5. Bank of India; 6. Bank of Maharashtra; 7. Canara Bank; 8. City Union Bank; 9. Central Bank of India; 10. Catholic Syrian Bank; 11. Corporation Bank; 12. Deutsche Bank; 13. Development Credit Bank; 14. Dhanlaxmi Bank; 15. Federal Bank; 16. HDFC Bank; 17. ICICI Bank; 18. IDBI Bank; 19. Indian Bank; 20. Indian Overseas Bank; 21. Indusind Bank; 22. ING Vysya Bank; 23. J and K Bank; 24. Karnataka Bank; 25. Kotak Mahindra Bank; 26. KarurVysys Bank; 27. Punjab National Bank; 28. Oriental Bank of Commerce; 29. South Indian Bank; 30. Standard Chartered Bank; 31. State Bank of Bikaner and Jaipur; 32. State Bank of Hyderabad; 33. State Bank of India; 34. State Bank of Mysore; 35. State Bank of Travancore; 36. State Bank of Patiala; 37. Tamilnad Mercantile Bank; 38. Union Bank of India; 39. United Bank of India; 40. Vijaya Bank and 41. Yes Bank.