

**Government of India
Ministry of Science & Technology
Department of Science & Technology
VIGYAN PRASAR**

A-50, Institutional Area, Sector-62, Noida-201 309 (U.P.)

TENDER DOCUMENT

Sub: Tableau of DST for display during Republic Day Parade 2018

On behalf of Department of Science & Technology, Government of India, Vigyan Prasar, an autonomous institution under DST, invites Sealed tenders/quotations from reputed and experienced agencies to conceptualise, design, fabricate and display a Tableau of DST during Republic Day 2018. The theme of the proposed tableau is **“By Science We Serve”**.

2. The detailed schedule of opening of the bids is given below:

S. No.	Activity	Date and Time
1	Last date for submission of Bid	04 October 2017, 11.00 AM
2	Opening of Technical Bids	04 October 2017, 11.30 AM
3	Presentation by eligible bidders	04 October 2017, 12.00 PM onwards
4	Opening of Financial bids	04 October 2017 (after all presentations)

3. Detailed tender document can be uploaded from Vigyan Prasar’s website (www.vigyanprasar.gov.in) and NIC website (eprocure.gov.in).

4. Tender received after the closing date and time, shall be rejected.

5. For any query please contact Dr Bharat Bhushan, Scientist D, Vigyan Prasar on 8527957529 or write to bhushan@vigyanprasar.gov.in.

(Rajender Kumar)
Administrative officer
Vigyan Prasar

No: VP/EFD/1526/RDP Tab-18/2017
Government of India
Ministry of Science & Technology
Department of Science & Technology
VIGYAN PRASAR

A-50, Institutional Area, Sector-62, Noida-201 309 (U.P.)

Dated: 28 September 2017

TENDER DOCUMENT

Sub: Tableau of DST for display during Republic Day Parade 2018

1. For and on behalf of Department of Science & Technology, Government of India, Vigyan Prasar, an autonomous institution under DST, invites Sealed tenders/quotations from reputed and experienced agencies to conceptualise, design, fabricate and display a Tableau of DST during Republic Day 2018, on the theme of **“By Science We Serve”** on Turnkey basis under **TWO BID SYSTEM**.
2. Detailed terms and conditions for submission of bids and other instructions procedure given in **Annexure-I**.
3. The guidelines for preparation of Tableau proposals for participation in the Republic Day Parade – 2018 are given in **Annexure –II**.
4. The background note on the theme **“By Science We Serve”**, on which the Tableau should be conceptualized and designed is in **Annexure III**
5. Format for application is given in **Annexure IV** and the format for financial bid in **Annexure V**
6. Interested agencies are requested to submit their Technical Bid and Financial Bid in separate sealed covers and enclosing both the sealed covers in another sealed cover superscribing **“TENDERS FOR Concept, Designing and Fabrication of DST Tableau for the Republic Day 2018”** addressed to the Director, Vigyan Prasar, A-50, Institutional Area, Sector-62, Noida-201 309, U.P. and send the same on or before the due date.
7. The detailed schedule of opening of the bids is given below:

S. No.	Activity	Date and Time
1	Last date for submission of Bid	04 October 2017, 11.00 AM
2	Opening of Technical Bids	04 October 2017, 11.30 AM
3	Presentation by eligible bidders	04 October 2017, 12.00 PM onwards
4	Opening of Financial bids	04 October 2017 (after all presentations)

Venue for the above events will be at Vigyan Prasar, C24, ASCI building, Qutub institutional area, New Delhi

8. Tenders received after the closing date and time, shall be rejected.

(Rajender Kumar)
Administrative officer
Vigyan Prasar

DETAILED TERMS AND CONDITIONS, PROCEDURE FOR SUBMISSION OF BIDS AND OTHER INSTRUCTIONS

1. Scope of work:

1.1 In the Republic Day Parade 2018, DST is proposing to submit Tableau on the theme of **“By Science We Serve”** (a brief background on the concept note is annexed as **Annexure III**). The scope of work would include among other things, conceptualizing, designing a Tableau; preparing a 2D sketch in detail the same as presentation in 3D wire frame or other appropriate software and; 3D scale model and finally fabrication of the same as a Tableau for the Republic Day parade, and its display during the parade. Each activity will be subject to clearance / approval by Ministry of Defence.

1.2 The work has to be undertaken on a turnkey basis and will include all aspects of fabrication of tableau i.e. from conceptualization, making of designs, modification of designs from time to time as per the requirement and instructions, presentation of the designs before the selection committee of the DST and Ministry of Defence, fabrication of the models, modifications thereof as per requirements and instructions, presentation of the model before the committee of DST and Ministry of Defence and upon selection of the model, fabrication of the actual tableau and its display at the parade, as per the requirement, specification, time schedule and instructions by the VP/DST and Ministry of Defence, providing of suitable/appropriate lyrics, composing of music, arrangements of artists and actual pre-recording of the music for use in the tableau, arrangements of choreography as per requirement including arrangements of artists, folk dance troupes etc. The job will also involve actual presentation and display of tableau during the Republic Day parade, full dress rehearsal (if required) and maintenance of required services at the time of presentation during the event. The turnkey project would also include any other work that may have direct or indirect bearing with the fabrication and presentation of the tableau and may facilitate the project in any manner. VP/DST will have the right to modify, change, accept or reject the work in totality or any part thereof or cancel the project at any stage without assigning any reason. The copyright of the work shall vest with the Ministry and it would have rights on the awards won, if any.

1.3 The specifications of the Tableau, 2D sketch and 3D scale model etc., are to be as per the specification of the MoD (details **enclosed at Annexure – II**)

1.4 While it would be the sole responsibility of the successful bidder to whom the work is awarded to ensure appropriate and excellence aesthetic, creative and

technical delivery of the Tableau, DST/VP would from time to time review, monitor and advise and if needed seek modifications to suit the needs and as deemed appropriate.

2. Procedure for submission of Bids:

2.1. The Technical Bid and Financial Bid should be placed in separate sealed covers with the wordings "Technical Bid" and "Financial Bid" respectively super-scribed on them. It may be noted **that prices must not be indicated in the Technical Bid and must only be indicated in the Financial Bid.**

2.2. The cover containing Technical Bid and Financial Bid must be put in another envelope (bid cover). The Bid Cover should be superscribed with Tender Due Date and the wordings "**Do not open before 04 October 2017, 11.30 AM**" and this envelope should be clearly marked "**TENDER FOR Conceptualising, Designing and Fabrication of DST Tableau for Republic Day Parade 2018.**"

2.3. The cover thus prepared should also indicate clearly the name, address and telephone number of the Bidder to enable the Bid to be returned unopened in case it is declared "**Late**".

2.4. Each copy of the Technical Bid and Financial Bid should be a complete document and should be bound as a volume separately.

2.5 Along with technical bid, the sample designs of the Tableau should also be submitted.

3. Bid Prices:

3.1 The Bidder shall indicate in the proforma prescribed at **Annexure-V** the detailed **and** the total Financial Bid Price separate for Concept, drawing, 3D model, 3D walk-through presentation, Fabrication and other services it proposes to provide under the Contract in **Indian Rupees (INR)**. Prices quoted must be firm and fixed and shall not be subject to any upward modifications, on any account whatsoever, including modifications required to be carried out at the suggestion of the designated committee of DST/VP and/or MoD. In absence of above information, a bid may be considered incomplete and summarily rejected.

3.2 The Bidder shall prepare the bid based on details provided in the Tender documents. The Bidder shall carry out all the tasks in accordance with the requirement of the Tender documents and it shall be the responsibility of the Bidder to fully meet all the requirements of the Tender documents.

3.3 The Financial bid should clearly indicate the price to be charged without any qualifications whatsoever and should include all taxes, duties, fees, levies, works contract tax and other charges as may be applicable in relation to the activities proposed to be carried out.

4. Authorized Signatory (Bidder):

4.1 The "Bidder" as used in the Tender shall mean a Company/Firm/Proprietor who submits the proposal to Vigyan Prasar for providing the services required under the proposed Contract, and who has signed the Tender document forms.

4.2 The Bid shall be type written and shall be signed by a person or persons duly authorized to bind the bidder to the contract. The letter of authorization shall be indicated by a written power-of-attorney accompanying the bid. The person or persons signing the bid shall initial all pages with seal/stamp.

4.3 The Bidder shall duly sign and seal its bid with the exact name of the company firm to whom the contract is to be issued.

4.4 The bid shall contain no erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialled by the person or persons signing the bid.

5. Terms and conditions:

5.1 The bidder must have prior experience of carrying out the work relevant to the task in Government organizations (see para 10.1 for details of essential conditions).

5.2 The bidders have to deposit Earnest Money Deposit (EMD) of Rs. 50,000/- (Rupees Fifty Thousand only) through account payee demand draft drawn in favour of **Director, Vigyan Prasar**, New Delhi and payable at New Delhi. The EMD has to be deposited along with the technical bid. Tenders received without EMD would be summarily rejected. EMDs of unsuccessful bidders would be returned within three months from the date of closing of the tender.

5.3 The bidders are advised to ensure their capacity & capability before bidding as the task has to be completed in short duration and in a time bound manner under the direction of Vigyan Prasar/DST. Only those bidders who are willing and are in a position to comply with these terms and conditions need to submit the tenders.

5.4 The Department of Science & Technology and Vigyan Prasar reserve the right to reject any tender without assigning any reason. If any successful bidder fails to fulfil his obligation under this tender, he may be blacklisted and Vigyan Prasar/DST would also be free to circulate such blacklisted agencies to other Ministries / Departments of Govt. of India.

5.5 The work of Tableau will be executed in three stages which (i) acceptance of concept by Ministry of Defence, (ii) acceptance of 3D model by MoD and (iii) actual participation.

5.6 The cut-of dates of delivery at each stage is crucial. Failure to deliver within this deadline would amount to non performance and VP/DST would impose such penalty that is deemed to be reasonable with or without cancelling the work order.

6. Address for Correspondence:

6.1 The Bidder shall intimate the official mailing address, place, email and telephone number to which all correspondence shall be sent by Vigyan Prasar.

7. Contacting the Department:

7.1 No Bidder shall contact Vigyan Prasar/DST on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

7.2 Any effort by a Bidder to influence the Department's bid evaluation, bid comparison or contract award decisions may result in the rejection of the Bidder's bid.

8. Evaluation of the Bids by Vigyan Prasar/DST:

8.1 The designated committee of DST/VP will open the Bids, in the presence of the representatives of the Bidder who choose to attend, at the time and date, as mentioned in Para 2 of the tender notice.

8.2 The Bidder's names, bid withdrawals and the presence or absence of the requisite Earnest Money and such other details as Vigyan Prasar, at its discretion, may consider appropriate will be announced at the bid opening.

9. Clarifications:

9.1 When deemed necessary, Vigyan Prasar may seek clarifications on any aspect from the Bidder. However, that would not entitle the Bidder to change or cause any change in the substance of the bid submitted or price quoted.

10. Process and Procedure for evaluation of the bids

10.1 Stage 1 – Shortlisting of eligible bidders

All bids received in response to the tender notice shall be scrutinized by a designated committee of DST/ Vigyan Prasar to check the fulfillment of essential

eligibility conditions, which are stated as below (decision of designated committee would be subject to approval of competent authority of DST/ Vigyan Prasar):

- 1) Furnishing of EMD of Rs. 50,000/- (Rupees fifty thousand only) along with technical bid in the form prescribed in the tender document.
- 2) A minimum **average annual turnover** of Rs.50 lakhs (Rupees fifty lakhs only) in the last 5 years period (2012-13 to 2016-17) (based on audited accounts and/ or Chartered Accountant's certificate). In case audit of accounts for the year 2016-17 is not complete and a certificate to that effect is produced from the chartered accountant, accounts for the period 2011-12 – 2015-16 will be taken into consideration (submission of false certificates/ information will lead to disqualification at any stage).
- 3) Experience of conceptualizing/ designing/ fabricating of similar works, **at least two such works, out of which one should be for participation of tableau in the National Republic Day Parade** of any Central Govt. Ministry/ Department/ organization or State Govt./ organization in the past 5 years (document showing proof of undertaking such work like work order issued by the concerned Ministry/ State Govt./ organization to be produced).

Only those bidders who fulfill all the essential eligibility conditions prescribed above shall be considered for making a presentation before a designated committee of DST/ Vigyan Prasar and detailed technical evaluation.

10.2 Stage-2 – Technical Evaluation: All the bidders declared eligible by the competent authority based on the recommendations of the designated committee shall be subject to detailed technical evaluation based on the information/ details/ concept/ design etc. furnished in their tender/ bid as well as the presentation made before the designated committee and will be awarded marks on various parameters as detailed below :

S.No.	Item	Criteria/ documents required	Max. Marks	Min. Marks required	Remarks
1	2	3	4	5	6
1.	<u>PriorExperience</u> Undertaking/execution of work of conceptualising/ designing/ fabrication of tableau in National Republic Day Parade (RDP) in the last 5 years on behalf of any Central Govt. Ministry/ Deptt. or State Govt. or any other organization	See Note 1 below	30	15	

	(a) If such tableau won any award (i.e. tableau got selected by the MoD, participated in the RDP and won some prize		---	---	
	(i) In case of only one such case of winning prize in the last 5 years		20	---	
	(ii) In case of 2 or more such cases		25	---	
	(iii) In case of more than 2 cases		30		
	(b) If such tableau did not win any award i.e. tableau got selected by MoD and participated in RDP, even if did not win any prize	See Note I & III below		---	
	(i) In case of only one such case		15	---	
	(ii) In case of 2 such cases		18	---	
	(iii) In case of more than 2 cases.		20	---	
2.	Undertaking/ execution of work of conceptualising/ designing/ fabrication of tableau in State Republic Day Parade or any such other parade of reputed National/ State event in the last 5 years on behalf of any Central Govt. Ministry/ Deptt. or State Govt. or any other organization		10	2	
	(a) If such tableau won any award (i.e. tableau got selected by the concerned agency, participated in the event and won some prize		---	---	
	(i) In case of only one such case of winning prize in the last 5 years		5	---	
	(ii) In case of 2 or more such cases		8	---	
	(iii) In case of more than 2 cases		10	---	
	(b) If such tableau did not win any award i.e. tableau got selected by MoD and participated in RDP, even if did not win any prize				
	(i) In case of only one such case		2	---	
	(ii) In case of 2 such cases		3	---	
	(iii) In case of more than 2 cases.		5	---	
3.	Thorough understanding of theme, which is the theme of the proposed tableau, its details, implementation status and such	See Note II below	10	7	

	other related aspects.				
4.	Soundness and innovativeness of the concept/ design/ 3D model proposed in the tender, duly conforming to the guidelines of MoD		20	15	
5.	Presentation before the designated committee/ assessment by the committee		25	15	
6.	Any other parameters as decided by the designated committee – to be announced at the start of presentation	See Note IV below	5	--	
			100	70*	

Note I – only the works undertaken/ executed by the bidders, as evidenced by work orders in their name and certification of concerned Ministry/ Department/ SG/ organization regarding participating and winning of prize etc. shall be accepted. Production of documents in this regard is essential. Simple declaration of bidders shall not suffice .

Note II -Brief understanding note to be submitted by the bidder on this count along with technical bid and will be supplemented by discussion/ quizzing during the presentation. In fact overall proposal submitted by the bidder will also be reflective of how well he has understood the scheme.

Note III -Cases covered under (a) i.e. Award winning entry will not be considered again for marks for participation i.e. one entry can qualify only for marks either as award winning or as participant.

Note IV - In case no such parameter is announced, all bidders will be given 5 marks each under this item.

* Not a sum total of individual qualifying marks.

Only those bidders who obtain minimum of 70 marks out of 100 on the various criteria stated above, subject to a minimum required marks under various parameters as listed in col.5 of the table above, will be considered for opening of their financial bids. In case if no bidder obtain 70% marks, the first 3 bidders shall be selected, provided they obtain a minimum of 50 marks out of 100 and further subject to their obtaining atleast 75% of the minimum qualifying marks under different parameters stated above. In case no bidder obtains 50 marks out of 100 or 75% of minimum qualifying marks under various parameters stated above, further process with respect to the tender shall be dropped.

10.3 Stage-3 – Financial Bids: Bidders who qualify for the second stage of technical evaluation stated above will be considered for opening of financial bids. The total marks allotted for financial bids is 35 and will be allotted as per following procedure:

The bidder who has quoted the lowest rate (amount) **for all the items taken together i.e. sum total at Sl. Nos. of Annexure V** financial bid of the tender, will be awarded full 35 marks. Other bidders would be awarded marks as per following formula (marks will be counted only upto 2 decimals):

$$\frac{\text{Total amount quoted by the lowest bidder}}{\text{Total amount quoted by a particular bidder}} \times 100$$

Example: For example, if there are 5 financial bids who have qualified in the technical evaluation process stated above and who have quoted rates/ amount for all the items taken together as given in col. 2 of the table below, their marks will be calculated as given in col.3 in the table below (marks upto 2 decimals):

Bidder No.	Total amount quoted (Rs.) (under Sl.No.5 of	Marks to be awarded
1.	80 (Lowest Rate)	80/80 X 35 = 35.00
2.	200	80/200 X 35 = 14.00
3.	150	80/150 X 35 = 18.67
4.	180	80/180 X 35 = 15.56
5.	160	80/160 X 35 = 17.50

10.4 Overall Evaluation – Determination of lowest bidder: Bidder who obtains maximum marks out of 135 (i.e. total of technical bid marks (100) and financial bid marks (35) shall be declared as lowest bidder and selected for first stage i.e. preparation of concept/ sketch/ design etc with modifications as suggested by the designated committee/ DST/ Vigyan Prasar/ expert committee of MoD, duly conforming to the guidelines of MoD etc. If the design presented by DST before the expert committee of MoD is accepted, the bidder would be asked to proceed to the second stage i.e. preparation of the model and if the same is also accepted/ approved by the expert committee of MoD, with or without modifications, the bidder would be asked to proceed to the third stage i.e. fabrication of the tableau as per the approved design/ model, either by itself or by engaging any other agency/ contractor on his own, and taking all related activity for actual participation of tableau in the RPD 2017.

10.5 Unless stated otherwise, the financial bid document is for the whole scope of the work as described in the tender document. The bidder will not be permitted to add any costs later on. The total cost / bid amount indicated in the

financial bid will be deemed to be for the entire scope of work outlined / detailed in the tender document, subject to modifications required to be done as per the suggestions of designated committee of DST/VP/MoD. The costs / rates / amounts quoted by the bidder in the financial bid should allow for all costs including labour, materials, consumables, spares, equipments, procurement, freight and installation, transportation charge, customs duty, octroi, excise duty, sales tax, turnover tax, service tax, any other duties, taxes or charges, whatsoever payable on the components or the completed works and satisfactory performance of the bidders obligations under the tender / agreement. Hence, levy of taxes over and above quoted rates, if any, like service tax etc. should be specifically stated in the financial bid with prevailing rates of such taxes to enable uniform comparison of the financial bids of the various bidders. In the absence of any such specific statement, along with rates, the quoted rates / amount will be presumed to be inclusive of taxes / duties / levies of all kinds, including service tax.

Note: Classification of any bidder as 'successful Bidder' does not automatically bestow any right on him to get the work awarded to him, which is subject to further processing and obtaining approval of competent authority of Vigyan Prasar. Vigyan Prasar, for valid reasons, reserves the right to not allot the works to lowest bidder and even cancel the entire tender process at any stage, even after process for determining lowest bidder is over

11. Right to Accept Any Bid and to Reject Any or All Bids

11.1 Vigyan Prasar reserves the right to accept any bid, and to annul the Tender process and reject any or all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidder or any obligation to inform the affected Bidder or Bidder of the grounds for Vigyan Prasar 's action.

12. Notification of Award

12.1 Vigyan Prasar will notify the successful Bidder by e-mail or in writing, by registered letter that its bid has been accepted.

12.2 Upon notification of the successful bidder, Vigyan Prasar will promptly notify each unsuccessful Bidder and their Earnest Money Deposit will be refunded.

13. Signing of Contract

13.1 On notifying the successful bidder, Vigyan Prasar will send the Bidder the Contract Form, incorporating all agreements between the parties.

13.2 Within 3 days of receipt of the Contract Form, the successful Bidder shall sign and date the Contract and return it to Vigyan Prasar.

14 Performance Security

14.1 The amount of EMD of the successful bidder would get converted to Performance Security

15. Rejection Criteria

15.1 Besides other conditions and terms highlighted in the Tender document, bids may be rejected under following circumstances:

a) Technical Bid

Incomplete bids that do not quote for the complete Scope of Work as indicated in the bidding documents, addendum (if any) and any subsequent information given to the Bidder

Bids providing information that are found to be incorrect / misleading at any stage / time during the Tendering Process Technical Bid containing commercial details

Bids that reveal prices in any form or by any reason before opening the Financial Bid

b) Financial Bid

Bids in which the total lump sum price quoted by the Bidder is not inclusive of all taxes, duties, fees, levies, works contract tax and other charges

Bids where prices are not firm during the entire duration of the contract and / or with any qualifications

Bids which do not conform to Vigyan Prasar 's price bid format

c) Others

Bids that do not confirm unconditional acceptance of full responsibility of executing the 'Scope of Work' of this Tender

Bids in which the Bidder seeks to influence the Vigyan Prasar's bid evaluation, bid comparison or contract award decisions

Bids without power of authorization and any other document consisting of adequate proof of the ability of the signatory to bind the Bidder

16. Schedules and terms & conditions of payment

16.1 If the concept/ sketch/ design etc. prepared and presented by the bidder before the expert group of MoD is not accepted and does not enter the second stage where 3D models have to be prepared and presented, only 2% of total agreed amount (all items) as per the financial bid with the bidder shall be payable to the bidder, subject to a maximum of Rs.25,000/-.

16.2 Similarly if after entering the second stage of preparation of model, if the model finally prepared and presented by the bidder before the expert group of MoD is not accepted/ approved by the expert group of MoD and the fabrication of the tableau is not required, only 5% of total agreed amount (all items) will be payable to the bidder, subject to a maximum of Rs.50,000/- .

16.3 However, if the model prepared and presented before the committee is finally approved by the expert group of MoD for fabrication and inclusion in the RDP 2018, with or without modifications, agreed amount for this item will be payable in addition to the agreed amounts for the two earlier stages (and incentives for 1st two items as stated above).

16.4 The schedule for the payment will be as follows :

If the model is selected and approved by MoD for fabrication and inclusion in RDP 2018, the payment will be released as follows:

- (a) 50% as initiation advance.
- (b) 30% on fabrication and inspection & acceptance by Vigyan Prasar/ DST.
- (c) 20% on completion of the project.

Further, the payment will be subject to the bidder submitting a bank guarantee, valid for a duration of one year from the date of award of the work, from any nationalized bank for 50% of the total amount. Only on submission of the BG, advance, if any would be made.

**GUIDELINES FOR PREPARATION OF TABLEUX PROPOSALS FOR PARTICIPATION IN
THE REPUBLIC DAY PARADE – 2018**

1. Suggested theme

“By Science We Serve”

2. Selection Process of the tableaux by the MoD

The tableaux proposals received from various organisations / agencies are evaluated in a series of meetings of the Expert Committee consisting of prominent persons in the field of art, culture, painting, sculpture, music, architecture, choreography, etc. In the **first phase of selection the sketch/design proposals are scrutinised** and suggestions, if considered necessary, are given to carry out modifications in the sketch/ design. **Once the sketches/designs are approved by the committee**, the participants are asked to come up with **three-dimensional models of their proposals**. However, entering into the model stage itself does not mean selection. The models are thereafter examined by the Committee for **final selection** depending upon various considerations. Not more than one tableaux from an organisation participates in the parade.

Adequate time is given to the concerned agencies to make arrangements for attending the meetings of the Expert Committee. Non-attendance in any meeting means withdrawal and concerned agency will not be invited in subsequent meetings. All cost for attending the meetings is to be borne by the concerned agency. **All interaction with the members of the committee will be made by the official representative of the organisation concerned. The artists/designers, etc. may accompany the official representative to suitably take note of the suggestions given by the Committee to carry out modifications in their respective sketch / design / model. They will, however, not directly interact with the members of the Expert Committee unless they are specifically authorised by the Committee to do so to explain any specific point.**

3. Preparation of Sketch / Design

The sketch/design drawn (preferably in graph) on a scale of 1:1” should be simple, colourful, easy to comprehend and should avoid statistical data and unnecessary details. It should be able to convey, whatever it presents, by itself and should not require any explanation, writing or elaboration. **Writing or use of logos on tableaux is not allowed except the name of States/UTs presenting which is allowed in Hindi in the front, in English on the back and in Regional language on the sides of the tableau.** Similarly, in case of Ministries/departments and other agencies, **name of the Ministry/Department/Organisation is to be given in Hindi in the front and in English on the back.**

Designs in virtual reality in the form of CD showing the various components displayed from different angles, can also be presented.

4. Preparation of models

After the approval of the proposed sketch/design by the Expert Committee in its preliminary meetings three dimensional model of the proposed tableau would be prepared on the lines of the suggestions given by the Committee for further inspection. Final approval for participation would be accorded only after the models of the tableaux are finally selected by the Committee.

5. Points to be kept in view while drawing up the proposal

- i) **One tractor and one trailer, upon which a tableau would be fabricated, would be provided by the Ministry of Defence free of Charges.**
- ii) **No additional tractor, trailer or other types of vehicles would be allowed to be used in the tableau.** This aspect should be kept in mind while preparing the designs of the tableau proposals to be presented before the Central Expert Committee.
- iii) There is no objection to the use of vehicles other than tractor and trailers for fabrication of tableaux to give them a different look. But these vehicles will have to be arranged by the sponsoring authorities themselves. Under no circumstance, the total number of vehicles used in a tableau or the total number of distinguishable mobile components of a tableau would be more than two.
- iv) As far as possible, there should be some movement, sound and animation on the tableaux.
- v) **The number of performers on the trailer would not be more than 10 persons. No performer is permitted to be on the tractor component of the tableau. Attractive ground element however can be considered on a limited number of tableaux only if it goes with the theme.** These conditions are subject to modifications by MoD depending on the requirement of the tableau.
- vi) In case of tableaux on cultural, historical/traditional themes, the colours, designs, costumes, materials, etc. used should be authentic to present local flavour. The performers on the float or on ground should also look to be authentic in case any cultural or traditional even is being depicted.
- vii) The sketch should clearly depict as to how the tractor pulling the tableau will be used as a part of the theme. Camouflaging the tractor should be in harmony with the main theme of the tableau. There should be a gap of about 6-7 feet between the tractor and the trailer and /or between two trailers for turning or manoeuvring. This should be taken into account while designing the tableau.

In case, a tableau is proposed to be integrated with a folk dance, it should be ensured that the selected dance is a genuine folk dance and the costumes and musical instruments are traditional and authentic. **The tableau and the dance should also have thematic unity.** The strength of the dance party, excluding those who are to perform on the tableau, **should not exceed 25 persons.** The video clippings of the dance may also be sent along with the proposals.

6. Dimensions

While preparing the sketches and subsequently, three dimensional models, the following approximate dimensions of the trailers and tractors, which will be supplied to them for the fabrication of the tableau, may be kept in view:

Trailer

Length	:	24' 8"
Width	:	8'
Height	:	4' 2"
Load carrying capacity	:	10 tons

The length, breadth and height of a single tableau should not exceed 45', 14' and 16' (from the ground level) respectively. **If it is proposed to use any other vehicles under own arrangements, particulars thereof should be indicated in the proposal.**

7. Facilities to be provided by the Ministry of Defence

During the meetings of the Expert Committee, the facilities such as a PC, LCD projector, DVD Player and an overhead projector would be made available by the Ministry of Defence. Should there be any other support requirements, the Ministry may be informed in advance.

Concept note:

Republic day tableaux of the DEPARTMENT OF SCIENCE & TECHNOLOGY

By Science We Serve

The background: The DST has consistently served India's S & T centred development through four strategically important interventions. They are (1) Technology commercialization, (2) Societal contact through S & T, (3) strengthening S & T institutions and (4) policy interventions; to improve quality of life. These interventions recognize and build India's technical excellence to develop and deliver science and technology based goods and services. The past two years in particular have seen significant outputs aligned particularly with five missions of the Government of India. These also cover the exciting canvas of a wide variety of science and technology pursuits ranging from the world of atoms to the expansive astrophysics.

The contents of the tableaux: Visually attractive 3D models will be displayed with respect to the following. **The five missions are 1) Digital India, 2. Make in India, 3) Clean India mission, 4) Start – up India and 5) Skill India mission.**

1. DST has installed a vast supercomputing grid with more than 70 high performance computing facilities. This is linked with India's National Knowledge Network; thereby serving India's National Supercomputing mission.
2. DST's Big Data Initiative helps fulfil Digital India's vision. Several sectors of our economy will benefit directly from decision support systems through these activities. This includes amongst many, predictive and personalized medicine for health care, analysis and design of engineering products and processes that support the Make-in-India initiative, design of molecules and materials for societal benefit, integrated weather and disaster prediction packages and house hold coping strategies. The DST collaborates with the Department of Electronics and Information Technology (DeitY) in its work on the supercomputing mission. has been started in a full-fledged manner.
3. The IMPRINT initiative (Impacting Research Innovation and Technology) addresses major societal and developmental challenges. These pertain to challenges and opportunities in many areas including energy, sustainable habitat, nano technology, water resources and river systems, advanced materials, security and defence environment and climate areas. The DST partners the MHRD to implement IMPRINT projects especially on nano technology and advanced materials.
4. The Advanced Manufacturing Technology programme supports development in robotics & automation, nano-materials, and precision manufacturing. This

corresponds to the objectives of the Make in India mission. Scores of proposals received from across the country are examined for funding support.

5. Such large numbers are true also for projects that serve the Clean India Mission. A comprehensive Waste Management Programme supports advancements on treatment of waste water and waste from industries and hospitals in particular along with a focus on electronics wastes. These support preventive environmental management strategies for inclusive environmental protection as part of the Swachhh Bharat programme too.
6. The Water Technology Initiative complements these locally relevant interventions. Technologically feasible solutions have been established in 212 villages across 23 states of our country to tackle such challenges as scarcity and water quality.
7. Dozens of Technology Business Incubators and Technology Entrepreneurs Parks have been established in support of Start-up India. These serve the Innovation agenda of India's latest Science Technology & Innovation policy and complements MHRD's initiatives to promote start-up ecosystems. Human and institutional resources are optimized in this process.
8. The Skill India mission is served through DST's Innovation in Science Pursuit for Inspired Research (INSPIRE) Scheme. More than twelve lakh awards have been conferred on students from across India to foster excellence in science pursuits and sustain transitions as we progress into the future.
9. SATYAM is an interesting programme on the science and technology of yoga and meditation. This is meant to rejuvenate on the potential for holistic treatment of many physical and mental health problems seen in our society.

DST supports many advanced research initiatives under the framework of Mega science Projects. These build on India's excellence to define knowledge frontiers. Many institutions from across our country work together on these projects. In some cases, India extends the benefit of her excellence to programmes that involve many other countries too.

The Thirty Meter Telescope, the Laser Interferometer Gravitational Wave Observatory (LIGO) Project, the Ultra Violet Imaging Experiment on ASTROSAT and Technical Activation of 3.6m Devasthal Optical Telescope (DOT) are typical examples. These projects will also help access state of art facilities and knowledge networks for long term benefits.

1. The TMT international Observatory partnership is with scientists from USA, Canada, China and Japan. India is involved in design, prototyping, testing and validation and manufacture various items for the telescope.

2. The advanced gravitational-wave (GW) observatory to be established in our country will soon emerge as only the third such observatory across the world. This nationally coordinated project builds on significant contributions made by 37 Indian scientists in the discovery of gravitational waves recognized world over.
3. DST supports investigations on cosmic radiations because of their role on the forms and functions of the electromagnetic spectrum including UV and X – rays. The ASTROSAT Mission involves several co-aligned instruments to study these
4. The 3.6 meter diameter optical telescope is the largest fully steerable optical telescope in Asia. It has been successfully established by the Aryabhata Research Institute of Observational Sciences (ARIES), Nainital at the Devasthal site, about 60 km east from the Nainital city in the Central Himalayan Region. This telescope helps observe a large number of time-critical cosmic events such as Gamma Ray Bursts, Supernovae and other faint/distant objects.

This snapshot underlines the fact that the DST uses the versatility and precision of science and technology to deliver socially valuable material and knowledge products essential for development.

DEPARTMENT OF SCIENCE AND TECHNOLOGY
VIGYAN PRASAR

TECHNICAL BID FOR CONCEPTUALIZATION, DESIGNING, FABRICATION AND
DISPLAY OF TABLEAUX OF DST ON THEME "BY SCIENCE WE SERVE" DURING
REPUBLIC DAY PARADE 2018

1. Name of Agency/Organization:
- 2 Name and designation of the authorized signatory and his contact details
3. Complete office address (with telephone/mobile & e-mail):
4. Experience in the area of conceptualization, designing, fabrication and display of Republic Day tableaux at National/State level, if any (detailing the years, organization and theme)- (Enclose relevant documents, work orders, work completion certificate in support of the claims).
5. Experience in fabrication and display of tableaux in other major events, if any (detailing the years, organization and theme) – Enclose relevant documents in support of the claims.
6. Photographs / CDs of earlier work:
7. Awards/ medals/ prizes Won (with details including copies of the certificates)
8. Certified copies of the Chartered Accountants indicating the turnover of the agency for the last five financial years.
9. Particulars of the latest PAN No (attach a photo copy)
10. Furnish details of EMD like DD No, Name of Issuing Bank, date etc
11. Please attach the following documents:
 - 11.1 Concept proposal along with a sketch/ design of how you will treat and visually present the theme "By Science We Serve"
 - 11.2. A brief note on your understanding of the theme "By Science We Serve". (For this purpose, you can see the annexure III or contact Dr Bharat Bhushan, Scientist D (bhushan@vigyanprasars.gov.in, 8527957529)

Date:

Signature of Proprietor/MD/Authorised Signatory

FINANCIAL BID
(TO BE SUBMITTED IN SEPARATE ENVELOPE SEALED WITH SEALING WAX AND
INITIALED TWICE ACROSS THE SEAL)

Sl No.	Tender Notification	Cost (in Rupees)
1	Cost of Conceptualisation and preparing 2D sketch/ design and drawing etc (1 st stage work)	
2	Cost of preparation of 3D model (physical model and 3D walk through) (2 nd stage work) – based on approval of 1 st Stage work by MoD	
3	Fabrication, Erection of Tableau, display in the RD parade and such other related work including dismantling and handing over of the tractor trailer to MoD;	
4	LESS salvage charges	
5	TOTAL = 1+2+3 – 4	

5 Total cost* (as per 5 above)

6 Name of the company

7 Name of the proprietor/ authorized signatory

Date: **Signature of Proprietor/MD/Authorised Signatory**

***Note:** (i) Total cost(s) indicated at Sl.No.5 are inclusive of all taxes/ duties/ levies and such other charges by whatever name called. (ii) Total cost mentioned at Sl.No.5 above will be taken into account for the purpose of calculating marks obtained in the Financial Bid in accordance with para 10.3.