

South Western Railway



Divisional office,
Commercial Branch,
Bengaluru-23,

B/C.NFR/MA/Quotation/1/2022/22679-22680

Date – 03/02/2022

QUOTATION NOTICE

Quotation for allotment of contract for display of advertisements through vinyl wrapping on the Exterior of Train No. 22679/22680 Yesvantpur Hassan Super-Fast Exp for a period 90 days.

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Sealed quotations are invited by Sr. Divisional Commercial Manager, South Western Railway, Bengaluru for allotment of publicity rights for display of advertisement through vinyl wrapping on the exterior of Train no. 22679/22680 Yesvantpur Hassan Super-Fast Exp for a period 90 days.

1. QUOTATION SCHEDULE

Date and time of submission of sealed quotations.	10.00 hrs to 15:00hrs of 10/02/2022
Date and Time of Opening of sealed quotations.	15:30hrs of 10/02/2022

2. SCOPE OF WORK

Train No	22679/22680 Yesvantpur Hassan Super-Fast Exp
No of Coaches	15 coaches
Area available for Advertising	Both sides of the coaches except windows and essential markings on the coaches. (Approx 9000 Sq ft @ 600 Sqft per coach)
Estimated Value	Rs 5,30,640/-
Period of the Contract	90 Days

3. Quotation Notice has been displayed on the notice Board of Commercial Branch, Divisional Office, Bengaluru Division, South Western Railway.

4. Quotation Notice can also be downloaded from the website of South Western Railway at www.swr.indianrailways.gov.in
5. Quotation should be submitted in the format enclosed (Annexure – A) only. Quotations not in prescribed format will be summarily rejected.
6. Quotations should be dropped in the quotation box only which will be kept at the Office of Senior Divisional Commercial Manager, South Western Railway, Bengaluru Division from 10:00 hrs of 10/02/2022 to 15:00hrs of 10/02/2022. Quotations dropped elsewhere will be summarily rejected.
7. The sealed cover should be superscribed as “Application for display of advertisement on the exterior of Train no. 22679/22680 Yesvanpur Hassan Super-Fast Exp for a period 90 days”. Applicant should ensure that their envelope is properly sealed and drop the same in quotation box within the prescribed time.
8. Interested parties with **minimum one-year experience in the field of commercial advertising** which may even be outside the Railways with proven credentials, unblemished performance in reputed/major establishments for similar works can apply along **with supporting self-certified copies of documents proving such experience.**
9. The applicant should have completed 18 years of age. The applicant should be one among the below mentioned entities to participate in the Quotation and documents to support the same need to be enclosed. **a)** Individual/sole proprietorship **b)** Companies incorporated under the Indian Companies Act 1956 or Companies Act 2013 **c)** A Bidding Consortium, supporting documents of MoU. (The Consortium members will be required to execute a Power of Attorney in favor of the Lead member and a Consortium agreement). **d)**Limited Liability partnership (LLPs)/Partnership firms. **e)** Joint Venture.
10. Self attested copies of the following documents shall be submitted along with application
 - a. ID copy of the applicant with details of age
 - b. PAN card of the applicant
 - c. GST Certificate
 - d. Proof of Address of applicant
 - e. Authority to apply in case of applicants other than Sole proprietorships and Individuals
11. Bidder has to submit the Earnest Money Deposit (EMD) of ₹10,650/- (Rupees Ten thousand six hundred fifty only) in the form of a Demand Draft drawn in favor of Sr. Divisional Finance Manager, South Western Railway, Bengaluru without which the offer will be summarily rejected.
12. Applicants must clearly specify their offer for license fee in INR in both words and figures in the format enclosed in Annexure – A. In case the words and figures do not match, the higher amount will be taken.
13. Applicants must submit a copy of the Quotation Document, duly signed (with seal wherever applicable) on all pages including the Annexures.

14. Offer must be for the total area specified in the quotation. Offers for a part of the specified area will not be considered and their EMD will be forfeited.
15. The Earnest Money Deposit of the unsuccessful bidders will be refunded within reasonable time.
16. The Earnest Money Deposit of the successful bidder will be either refunded or adjusted towards Security Deposit.
17. Only applicants registered under GST and in possession of GSTIN are eligible to apply. Applicants should submit self-attested photocopy of the GSTIN along with application.
18. Applicants who will fulfill all the conditions and quotes the highest offer shall be declared as a successful applicant.
19. The successful applicant will be served with "Letter of Acceptance".
20. Security Deposit of value equal to 50% of the total contract value and Defacement Deposit of Rs 1,80,000/- (Rupees One lakh Eighty thousand only) in the form of Demand Draft, Fixed Deposit Receipt or Bank Guarantee (Format enclosed in **Annexure - C**) valid for a period of 6 months shall be furnished by the successful applicant.
21. Security deposit and Defacement Deposit will be refunded on satisfactory completion of the contract period taking into consideration that all Railway dues are cleared including dues raised by Sr. DME/SBC if any. The licensee will have to submit a No Due certificate from the Mechanical Branch and No Claim certificate to the Railway Administration before their Security deposit and Defacement Deposit is released.
22. The successful applicant shall remit the License Fee, Security deposit and Defacement Deposit within 15 (Fifteen) days from the date of receipt of "Letter of Acceptance" failing which EMD will be forfeited.
23. The license fee and other dues payable to Railway Administration should be paid in full in the form of Demand Draft drawn in favour of Sr.Divisional Finance Manager, South Western Railway, Bengaluru.
24. Railway Administration shall have right to adjust the security deposit in part/in full for any loss sustained by the Railway in dues whatsoever arising out of this contract or due to any breach of the agreement.
25. No interest will be paid on the Security Deposit or Defacement Deposit.
26. The license shall not foreclose the contract during the period of the contract. In the event of such foreclosure, no refund of licence fee already paid shall be made. Any pending dues shall be recovered from the security deposit.

27. Bank details of the applicant should be clearly provided in the format enclosed in **Annexure-D**
28. Railway administration shall reserve right to terminate the contract, without notice, at any time during the currency of the contract for administrative reasons. In the event of such termination of the contract, the licensee shall remove all advertising material from the coaches and from Railway premises within a period 3 days. If the licensee fails to remove it within the period specified above, the Railway Administration shall be at liberty to dispose of the said material in any manner as deemed fit. Railway shall not be liable to pay any compensation for above said termination.
29. If required by either of the parties, the successful applicant shall execute an agreement, on non-judicial stamp papers of due value in the State in duplicate, with the President of India acting through the Senior Divisional Commercial Manager, Bengaluru Division, South Western Railway, Divisional Railway Manager's Office, Bengaluru- 560023, and the charges or taxes for the same shall be borne by Licensee. Until a formal agreement is prepared and executed, acceptance of this Quotation along with the quotation document, Letter of Acceptance and all correspondence with regard to this contract subsequent to issue of Letter of Acceptance, shall constitute a binding contract between the successful Applicant and the Railway Administration subject to modifications, as may be mutually agreed to between and indicated in the Letter of Acceptance of offer for this work.
30. The contractor shall take prior approval of the text/design of the advertisement before commencing the contract.
31. COMPENSATION OR REFUND (i) If, for any reason the Administration is not able to honor whole/part of the contract and considers it necessary to cancel the offer, agreement, or running contract, no compensation will be payable for such cancellation except refund of the proportionate amount of license fee paid for the contract, without any interest. No appeal against this decision will be entertained (ii) The Railway Administration shall not be responsible for any loss or damage caused to the contractor due to total or partial discontinuance of display of the advertisement under the agreement for any reasons whatsoever, save and except the proportionate refund in License Fee (iii) If for any reason the Railway Administration is not able to run the services of the train due to unavoidable circumstances, except in cases of Force Majeure, the Railway Administration will not entertain any claims or compensation nor will this failure will be considered as a breach of contract. The Railway Administration will refund/adjust the proportionate license fee paid to the party, as deemed fit, and the contract will automatically expire after completion of the contract period as if the no services period is treated as proper and regular and contract is completed as per terms and conditions of the Quotation without extension of the contract period
32. Penalty Clause: Penalty as decided by the Railway Administration shall be imposed (i) If the licensee displays advertisement in excess area or displays any advertisement in contravention to the terms and conditions of this quotation or without prior permission from the Railway administration. (ii) The licensee shall be liable to pay damage upto a

sum as decided by the Administration for misconduct or breach of provisions of this agreement as the part of the licensee or any of his agents, workmen to observe or perform of the terms and condition of the contract (iii) Penalty shall be levied, if licensee or licensee's staff is found drunk/indulging in bad conduct, creating nuisances on duty or any offence committed detrimental to the administration.

33. The applicant(s) shall not take any advantage of any misinterpretation of the conditions due to typing or any other error and if in doubt shall bring it to the notice of the administration without delay. No claim for the misinterpretation shall be entertained
34. **WRONG INFORMATION BY APPLICANT:** If the applicant deliberately gives wrong information in his/their Quotation, creates circumstances for the acceptance of his/their quotation, the Railway reserves the right to reject such Quotation at any stage
35. The licensee shall be allowed to advertise through vinyl wrapping of train exterior which will be as per extant specification laid down by RDSO, which presently is detailed in specification no. RDSO/2010/CG-08 with drawing CG-10076 for "Fleet graphic film on exterior of Indian Railways coaches" as detailed in **ANNEXURE – B**
36. No digital advertising shall be allowed.
37. Indian Railways shall assess the train advertising plan on the basis of aesthetics, feasibility, safety and security, standards and specification of the materials used and their technical or operational considerations.
38. Vinyl wrapping of the trains shall be done at the primary maintenance base during the lie over period.
39. There will be no prefixing and suffixing of corporate brand names in the train names.
40. The contract should be carried out under supervision of C&W staff of Mechanical department. The party should approach Sr. DME/SBC or CDO with proper display authority to take prior permission to start the work. The party should follow instructions of Sr. DME/SBC or CDO being issued from time to time to install display of advertisement. The party should go to the place wherever the rake is stabled to carry out the work
41. The applicant on award of contract should also take prior approval of the CDO/Sr.DME (Chg) for taking up the work of advertising on the said train the applicant on of contract should also take prior approval of the CDO/Sr.DME (Chg.) for taking up the work of advertising on the said train
42. The Train services are as per Train time tables declared and issued by the Railway Administration from time to time. The party cannot have any type of claims if Railway makes any changes subsequently in the train services.

43. The composition of train is fixed by the Railway Administration as per requirements of the train services. The party cannot have any type of claims if Railway makes any changes in the composition of train.
44. INDEMNITY: (i) The Licensee shall keep the Railway Administration indemnified and completely absolved of any risk damage or loss, however caused due to any kind of disturbances to their property or to their personnel under employment or otherwise engaged by them in discharge of their duties connected with the display of advertisements including claims under the Workmen's Compensation Act. The Railway Administration accepts no responsibility for any loss damage of advertising materials belonging to the contractor, no matter howsoever caused (ii) The licensee agrees to indemnify the Railway Administration against any loss or damage to the property of the Railway Administration and/or against any claims under any Act in force including Workmen's Compensation Act made for the employee of the Railway Administration or any Third party for death, disablement or injury to persons whatsoever, arising out of or in any way of compensation, costs, charges or expenses in this connection shall be considered reasonable and shall be reimbursed by the contractor to the Railway Administration immediately on demand. (iii) To indemnify Railways against contravention of laws by contractor. The contractor undertakes to indemnify the Railway against fine, penalty, costs etc. imposed on the Railway by any authority due to contravention of any law statute etc. of the State or Central Government or local bodies by the Contractor in the course of the contract by exhibiting any advertisements, which is contrary to such laws (iv)The Licensee shall comply with all relevant statute including Contract Labour (Abolition and Regulation)Act and Rules, Payment of Wages Act, Minimum Wages Act and other Labour Laws and keep the Railway Administration indemnified against any claims arising out of said Laws. The responsibility to comply with the provisions of various labour laws of the country shall be that of the Successful applicant.
45. The Successful applicant shall fully indemnify the Railway Administration against all the payments, claims and liabilities whatsoever incidental or directly arising out of or for compliance with or enforcement of the provisions of any of the labour or other laws to the extent they are applicable to establishment/work in Railway Administration facility.
46. It shall be the responsibility of the successful applicant to comply with all the provisions of various laws of the country.
47. Successful applicant/Bidder shall remit GST on the license fee, at applicable rate to the Government, under reverse charge mechanism and submit returns/receipt to the Railway Administrations. Successful Applicant/Bidder shall be solely responsible for compliance of GST Law.
48. LIQUOR, PAN, TOBACCO, CIGARETTE ADVERTISEMENTS, TRANSPORT ADVERTISEMENTS AFFECTING THE INTEREST OF RAILWAY'S and any other advertisements that are considered objectionable in the eyes of Law and otherwise shall not be displayed. Advertisements prohibited under various Acts and Laws of the Governments shall not be displayed. There shall not be any sort of obscenity in the design and the advertisement

material. The contractor shall be fully liable for any contravention in this regard and shall be liable under the law of the land.

49. The successful applicant recognizes that the Railway Administration reserves the rights to carry out inspection through any of its official to ensure that the operation and management of the Advertising Assets at the Advertising Locations is being done as per terms and conditions of the Quotation Documents, License Agreement and in accordance with the directions of the Authority
50. Force Majeure: The licensee shall agree that no party shall be liable to the other if, and to the extent, that the performance or delay in performance of any of its obligation under this agreement is prevented, restricted, delayed or interfered with due to circumstances beyond the reasonable control of such party including but not limited to Government legislation, fires, floods, earthquakes, epidemics, wars, riots and or act of God, Government strikes and lockout. The party claiming an event of force Majeure shall promptly notify the other parties in writing full particulars of the cause or event and also keep the other parties informed of any further developments. The party so affected shall use its best efforts to remove the cause of non-performance, and the parties shall resume performance hereunder with utmost dispatch when such cause is removed. A condition of force Majeure shall not relieve any party of any obligation due to under this Agreement prior to the event of force Majeure. Subject as otherwise provided in this agreement, all notices to be given on behalf of the President and all other action to be taken on his behalf may be given or taken on his behalf by the Divisional Railway Manager (Commercial), Bengaluru, South Western Railway
51. If any dispute or difference of any kind whatsoever (the decision whereof is not herein otherwise provided for) shall arise between the licensee and the Licensor, upon or in relation to or in connection with or arising out of the agreement, shall be resolved by mediation first. If not resolved at the mediation stage, the dispute shall be resolved through arbitration.
52. Courts at Bengaluru alone shall have exclusive jurisdiction over any dispute arising out of this Quotation / contract.

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**Sr. Divisional Commercial Manager,
South Western Railway, Bengaluru**

ANNEXURE - A

BID FORM

To

The President of India,
Acting through
The Sr. Divisional Commercial Manager,
South Western Railway,
Bengaluru

RECENT PHOTOGRAPH OF
APPLICANT

(Please Sign Over & across
the photo)

SUB: QUOTATION FOR ALLOTMENT OF CONTRACT FOR DIPLAY OF ADVERTISEMENT ON THE EXTERIOR OF TRAIN NO. 22679/22680 YESVANTPUR HASSAN SUPER-FAST EXP FOR A PERIOD OF 90 DAYS.

* * *

I/we hereby offer to operate the above-mentioned **contract for display of advertisement on the exterior of train no. 22679/22680 YESVANTPUR HASSAN SUPER-FAST EXP** for a period of 90 days as per the terms and conditions laid out in the quotation documents and the annexures attached. I hereby offer to pay a sum of Rs. _____/- (Rupees _____) (in words) towards License Fee for the above contract. I/we have enclosed a sum of Rs. 10,650/- (Rs Ten thousand six hundred fifty only) as Earnest Money Deposit vide demand draft No. _____ dated _____ drawn on _____ (Name of Bank & Branch) / Fixed Deposit Receipt/ Demand Draft in favour of **Sr. Divisional Finance Manager, South Western Railway, Bengaluru.**

- a) I/we have read, understood and unconditionally accepted the terms and conditions in the Quotation document, hereby accept to enter into the contract for the display of advertisement on exterior of the train for period of three months and agree to ensure complaint free service to the Railway Administration.
- b) I/we sincerely of firm and swear that I/we will take up and perform the contract, if my/our Quotation is accepted. I/we bind myself/our self jointly and severally to all terms and conditions and rules laid down in the Quotation document and undertake to execute an agreement embodying the terms and conditions.
- c) I/we state that I am an/ we are Indian citizen/s and mentally sound person legally eligible respond to the Quotation.

- d) I/we agree that I/we will not withdraw offer before the Railway Administration accept or reject the same or before 90 days (Ninety days) for the date of opening of Quotation, whichever is earlier and in the event of my/ our withdrawing the same, the amount deposited towards Earnest Money Deposit (EMD) by me/ us shall be forfeited by the Railway Administration.
- e) In the event my/our Quotation being accepted, and in the event of failure on my/ our part to comply with all or any of the condition with in the stipulated time, the amount deposited towards Earnest Money Deposit (EMD) by me/us shall be forfeited and appropriated by Railway Administration, not as penalty but as liquidated the damages without prejudice to right of the Railway Administration to claim damages from me/us for breach of contract.
- f) I/we agree and understand that the Railway Administration reserves the right to reject my Quotation without any reason what so ever and the decision of the Railway Administration shall be final and binding on me/us. I/ we agree and understand that the Railway Administration reserves the right to discharge the Quotation, at any stage without signing any reason.
- g) I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief. In case any of the information found to be false and untrue or misleading or misrepresenting, I aware that my Quotation is liable to be rejected along with forfeiture of EMD amount.

Date: -

(Signature of the Bidder)

Name:

Mobile No:

Address:

ANNEXURE – B

- a) Advertisement on the exterior coaches shall be done as per RDSO Specification No.RDSO/2010/CG-08 of October 2010(Vinyl Graphics film) as per specifications mentioned (copy enclosed) on the exterior surface of coaches. Such wrapping /painting of coaches shall be done without interfering with the display of coach numbers, class indication, zebra stripes, logo, coach indication boards, destination boards, space for pasting reservation charts, and any other Railway matter painted or pasted on the coach. The window, emergency exit etc should be excluded from the area for advertisement.
- b) Advertisements should be displayed without spoiling the appearance of the train. Aesthetic and beautiful advertisements must be displayed.
- c) The party should wrap the Fleet Graphic Films/paint the coaches for the Advertisement at his own cost with his staff under the supervision of the C&W staff.
- d) The technique adopted in wrapping of the exterior body of the coach with fleet graphic film/painting should not interfere with the paint texture (gloss etc) while taking off the same.
- e) The licensee shall realign, re adjust, or shift the displays whenever called upon by the competent authority to do so at his own cost without claiming any compensation.
- f) In case of displays need repairing and replacing due to wear and tear, the agency should take up the work at his/her own cost under supervision of C&W staff. It is responsibility of the Licensee to ensure that displays pasted/painted should be of good quality and should not damage the coaches.
- g) The licensee shall be solely responsible for any loss or damage to Railway property, Rail users or any other party arising out of any fire hazard caused by the materials used for advertisement.
- h) All advertisement activities like pasting fleet graphic films/painting, removing the same are sole responsibility of the licensee.
- i) The materials used for advertisement should withstand the process of washing of coaches with strong detergents/chemicals by manual or mechanical process.
- j) Day today up keep of the fleet graphic films/painting during the period of contract will be the responsibility of the advertisers, hence the staff of the advertisers is permitted to involve in the washing of the coaches during the primary maintenance at the stabling yards with the coordination of staff of coaching depot.
- k) In case the Licensee desires to utilize additional space/other media of advertisement, he shall obtain prior written permission from the Railway Administration, if found feasible, the Railway Administration will permit such displays on payment of Tender rates or higher rates to be decided by the Railway Administration at the time of granting the additional area. However, there shall not be any extension in the validity period of contract.
- l) Railway Administration reserves the right to develop/create any media in the tendered area without infringing the earmarked areas under this tender.
- m) In the event of termination of the contract the licensee shall remove the advertisement material and equipment etc from the Railway premises within 15 days at his own cost from the date of receipt of intimation of termination notice. If the licensee fails to remove it within the period specified above, the Railway Administration shall be at liberty to dispose of the said material in any manner as deemed fit.
- n) Railway Administration will not give guarantee for the integrity of composition of coaches during the running of the train. For any reason, if any of the coaches become sick or involved in the accident or detached for whatever reasons, and Railway Administration replaces with a new

coach/s) asks the party to display the advertisement on the coach/s, the party should take up the work immediately without claiming on-display period or compensation. The party should remove advertisement from the original coach.

o) The Licensee should ensure that the torn/damaged fleet graphic films should be attended immediately so that the coaches should not give shabby looks at any point of time. For this purpose, the Licensee should depute his staff for regular check-up. Adequate penalty will be imposed on the contractor for failure to ensure the same.

p) Railway Administration shall not be held responsible for any damage/defacement or theft of the display film/stickers caused during maintenance or due to any other reason whatsoever.

q) The Railway Administration will have the right to alter the pattern of train services, i.e. change in timings, change in from originating and to destination stations etc.

r) If the Railway Administration reduce so removes any coach from the composition of the train on the administrative grounds, no compensation shall be payable to the Licensee except the refund of proportionate amount of advertisement charges if the fleet graphic films are removed.

s) When any coach is identified for POH then the contractor should remove the fleet graphic film from the coach and after POH is completed the contractor shall once again wrap the coach with the fleet graphic film before the coach is put back in service at his own cost. The licensee is not eligible for any kind of compensation or damage during this non-display period on account of POH.

t) At the end of contract, the licensee should ensure removal of the displays without damaging the coaches. The contractor will remove fleet graphic films along with traces of all residual adhesive/paint and ensure that the coach is returned in its original condition & texture immediately after expiry of period of the contract (certainly within 15 days).

u) In the event of any failure on the part of the advertiser to remove the fleet graphics films/painting and return the coaches in its original texture, the security deposit will be forfeited and encashed. Further in case of any damage to the coaches & Railway assets, Railway will levy appropriate penalty.

v) The Licensee shall pay and clear any demand of advertisement tax/cess from appropriate civil authority and the Railway Administration is not liable either for payment of tax/cess or penalty for non-payment of such tax/cess.

w) If the Railway Administration adds additional coaches to the train on permanent basis or for seasonal period, the licensee should wrap/painting of these coaches for the ascertained period in order to make the rake uniform in look. For these additional coaches, the licensee has to pay the license fee at prorata basis.

SPECIFICATION FOR FLEET GRAPHICS FILMS FOR ADVERTISING ON EXTERIOR OF INDIAN RAILWAY COACHES (AS SPECIFIED VIDERDSO SPECIFICATION NO. RDSO/2010/CG-8)

1.0. SCOPE

Fleet Graphics films are being used for frequent changes to the livery of the vehicle bodies. This specification covers the technical requirements of fleet graphics films to be used for the exterior of Indian Railway passenger coaches without causing any damage to the painted / prime red/surface coated/metallic surface. The IR coaches are painted with either alkyd or PU top coat systems or epoxy primer with surface. The applicators should procure and use the films to this specification for application on IR coaches.

2.0 AREA OF APPLICATION ON COACHES:

Area of application on coaches shall be the entire coach barring area windows, emergency exits and areas carrying mandatory markings of coach and other passenger information boards/charts. The Upper edge of the vinyl should not touch rain water gutter and should be terminated 20mm below rain water gutter level. This area of the side wall is to be painted. The IR logo shall be applied in the centre of the coach above the window. The area of application is shown in RDSO drawing CG-10076.

3.0 GENERAL REQUIREMENTS:

3.1 The advertiser shall submit the following documents along with the tender for their offers to be technically evaluated.

a) Authorization certificate in original as proof of being an authorized converter/distributor of the graphic film manufacturer.

b) Printed/published technical data/Material safety data sheet/brochure of the product (Base film / Inks / Edge Sealers / Over laminates) proposed to be used along with test certificate from a government accredited laboratory for the test mentioned in this specification.

3.2 The advertiser should submit the following documentation along with sample before starting supply and application to the concerned rolling stock engineer.

a) Warranty card from the manufacturer of graphic film in original quoting the tender number for which the P.O (purchase order) has been received by the advertiser specifying all test for Durability and weathering and environmental exposure for the films used with photograph of applied graphic.

b) Work test certificate in original from the manufacturer of the film.

c) Manufacturer of base film and finished product (giving the manufacturing plan details).

d) Film material including production certificate of analysis (COA)

e) Film colour/pigmentation and /or print colour.

f) Adhesive designation & group

g) Sealing material and Sealing method.

h) The thickness (adhesive film, print, sealing) with production tolerances.

i) Glow degree and weathering behaviour

j) Characteristic values as specified in this specification.

k) Type of product marking.

l) The keeping of the specific values determined in the specification must be proved by presenting the test certificate from a government accredited laboratory.

m) The Film removing procedure.

n) An undertaking to follow all safety precautions at the work site.

3.3 The graphics to be reproduced on the vinyl graphic film shall be supplied by the tendering unit in "cdr" format or "ai" format or any other suitable graphic printing software.

4.0 OPERATING CONDITIONS FOR GRAPHICS:

4.1 Ambient conditions: The graphics shall perform satisfactorily under the following climatic conditions.

I) Ambient temperature: -4 deg. C to 50 deg

Altitude: Sea level to 2500 m

Max. Sun Temperature: 70 deg.

Relative Humidity: 40% to 100%

II) The rainfall is fairly heavy.

III) During dry weather the atmosphere is likely to be dusty.

IV) Temperature variations can be quite high in the same journey or short period of time.

V) Coaches operate in coastal area with continued exposure to salt laden air.

4.2 Maintenance Conditions:

The coach exteriors are cleaned with mildly acidic cleaning agents using brush with non-metallic bristles or automatic car washing plants.

5.0 TECHNICAL REQUIREMENTS OF CAST VINYL GRAPHICS FILM:

The graphic film will consist of three layers namely, the base film (PVC), adhesive layer and release liner. The completed film should be over laminated, and edge sealed.

5.1 BASE FILM REQUIREMENTS:

a) The base film will be cast PVC film having thickness not more than 50 microns, Plasticizers and other additive materials must not emerge or exude. The films shall not include any material having harmful effects on painted surfaces, human beings and environment.

b) The film shall be white in colour with whiteness index of 100 to 90 as per test standard ASTM E 313.

c) Thickness: The nominal thickness of the unprinted film including adhesive shall be between 0.070 mm to 0.090mm. The test procedure for measuring thickness is ASTM D.3652.

5.2 REQUIREMENTS FOR ADHESIVES:

5.2.1 The adhesive shall stick, without the use of an activator such as solvents or heat on any metallic and painted prime red, polished and clean surfaces, free from any grease or silicone without producing wrinkles, rolling up tearing or detaching.

5.2.2 The adhesive should be of grey colour acrylate base. The grey colour adhesive will provide good hiding power so that colour of the coach does not affect the printed graphic colours and they appear vibrant.

5.2.3 The adhesive should have features of controlled adhesive release, which will protect the paint of the coach. After the release liner has been removed, the films having controlled release adhesive shall be able to slide freely on the substrate before its final installation. Film can be positioned and finally applied by squeezing out permanent adhesive using a nylon moulded squeeze without using any activator such as solvent or heat.

5.2.4 The graphics film should have in built air channels in the adhesive layer to ensure release of air bubbles during application which will result in fast application and the same should be clearly marked on the backing liner as "controlled release type" or "within built air release channels".

5.3 REQUIREMENTS FOR RELEASE LINER

5.3.1 The release liner protects the adhesive against dirt contamination and prevents the film from unintended agglutination.

5.3.2 The release liner will be paper, coated with polyethylene on both sides to have the resistance to moisture and solvent during printing and application.

5.3.3 In addition, the adhesive power of the release liner shall not be so strong that the adhesive detaches on removal of the release liner.

5.4 REQUIREMENTS FOR PRINTING OF BASE FILMS TO CONVERT INTO GRAPHICS

5.4.1 Films shall be printed with digital printing technology with eco-friendly low emission solvent inks.

5.4.2 The graphic has to be printed with printing resolution of the minimum of 720dpi by 1440 dpi (Dots/inch).

5.4.3 The printing inks shall be approved by the manufacturer of the graphics film and should carry a comprehensive warranty for minimum of 2 years against any kind of fading of colours and cracking.

5.5 REQUIREMENTS OF EDGE SEALING OF PRINTED GRAPHICS

5.5.1 Edge sealing is required on the edges of the vinyl to give protection against peeling of the graphics films and preventing damages of the graphics films against vandalism.

5.5.2 The edge sealing material shall be clear acrylic/alkyd/PU resin applied on all the overlap joints of the film and end edges of the film with at least 10 mm footprint covering 5 mm both the exposed edges. A slight change is expected in the gloss value at the joints where edge sealer is applied depending on the viewing angle.

5.5.3 The edge sealer should become water resistant within four hours of application.

5.6 REQUIREMENTS OF OVER LAMINATE.

5.6.1 The surface of the graphic films shall be over laminated in an appropriate way in order to guarantee the resistance against operating stress and weather, acids, alkalis, salt solutions, scratch and tear from foreign objects.

5.6.2 The graphics film should have an over laminate supplied by the same manufacturer of the graphics film. The over laminate should be a PVC film with attractive gloss finish and should be UV stabilized, which is to be tested to ASTM G 152 for protection against deterioration and fading.

5.6.3 Over laminate should be applied on the printed graphics as per recommendation by the manufacturer of the graphics film after the printing has been done on the graphics films.

6. CHARACTERISTICS OF FINISHED GRAPHICS PRIOR TO APPLICATION.

6.1 Thickness: The film thickness shall be not more than 0.150mm+/- 15% with sealing and print colour. The test procedure for measuring thickness is ASTM B 3652.

6.2 Gloss Value:

6.2.1 The minimum gloss value shall be 70 achieved at 60 degree measured by gloss meter as per ASTM D 523. Gloss value shall not drop below 50 at 60 degree measured by gloss meter as per ASTM D 523, at any point of time during the service life of eighteen months from the date of application.

6.2.2 For every tender, a control sample of size 8' x 4' appropriately numbered shall be preserved for comparing gloss values and colour properties of the finished coaches in service for that particular tender.

6.2.3 For each rake, gloss values for two coaches shall be measured and recorded after application on the coach. The Spectro densitometer should be used for recording the colour characteristics. These values along with that of the control sample should be recorded on the quality check list for each rake.

6.3 Durability & Weathering Resistance:

The graphic films shall be durable & resistant of weathering for at least twenty-four months in permanent outdoor-exposure. No kind of detachment, cracks, and bubbles of similar effects shall occur during the applied state. The supplier shall submit proof of test from reputed independent laboratory (Govt. Accredited) of accelerated weathering. UV and environmental exposure as per ASTM G 152 using xenon arc /QUV panel machines at 0.63 Nano meter UV A lamps with 4-hour condensation and 4 hour UV exposure for min of 250 hrs. Post cycle specular gloss value, delta E colour change, visual discolouration has to be reported. The colour change should not be more than delta E=3 measured by approved photo electrodense meter. (The instrument measures colour value).

6.4 Adhesive Power:

The films shall stick on any metallic and painted surface free from grease and silicone, without producing wrinkle, rolling up, detaching or tearing. The adhesive power shall be between 17 N-25 N as per clause 9.1

6.5 Flammability: The graphic film should fall under Class B when tested as per UIC 564 - 2OR Appendix 12.

6.6 Toxicity:

The manufacturer of the graphic film must provide the material safety data sheet to prove the toxicity index less than 1 when tested as per NCD- 1409

6.7 Temperature Resistance: The film shall be resistant to temperatures between -10 degree and+ 100C degree without any visible changes such as detachment cracks, bubble formation and colour changes. This property is to be tested as per clause 9.3.

6.8 Dimensional Stability:

The shrinkage of the graphic films after application shall not exceed 0.2 %. This is to be tested as per clause 9.4.

6.9 Resistance to Detergents:

The graphic films shall be resistant to detergents used by the IR for exterior cleaning of the coaches. The surface of the sealed film shall not soften and the colour and the adhesive power shall not change. The same applies to surface softening and to all kind of detachments (waves, bubbles etc) This should be tested as per clause 9.5.

6.10 Wash and Attrition Resistance:

The graphic films shall not suffer any visible colour and gloss changes, detachments, cracks, bubbliest during external coach washing in accordance with IR field practices. Furthermore, the films shall not expand. The graphic films along with over laminate shall not show any visible colour and gloss changes when tested as per ASTM D 1044 using cleaning solution as per clause 9.5

6.11 Marking of the Product:

6.10.1 For identifications the accepted finished products shall be clearly marked with capital letters having height of more than 50 mm either by print on by printing, stamping or needle perforation.

6.11.2 The marking should consist of the date of manufacture (Month and Year for example 12/04) of the finished product as well as that of the base material (cast vinyl film).

6.12.3 To have proper trace ability, one tile on each coach shall carry identification code of the OEM and applicator and the month and year of application. The codes shall be assigned by OEMs in consultation with RCF or any other railway agency as specified in the tender.

7.0 APPLICATION OF GRAPHICS:

7.1 Applications of graphics have to be done using recommended application tools as mentioned by the manufacturer of the graphic film. The applicator has to show experience/ training certificate of doing similar application on any moving vehicle by the manufacturer of the graphic film.

7.2 Application of the graphic film has to be done on the surface without using any soap solution and water. (Dry application to make faster application and not protect the paint of the coach). The surface should be rubbed down by means of grade 220 emery paper and cleaned with a soft cloth before application of fleet graphic film.

7.3 The application tool should be any Lon moulded squeeze with low friction sleeve, which will prevent scratches on the graphics, and a nylon rivet brush with wooden handle to apply graphics on the rivets.

8.0 : REMOVAL OF FILMS:

8.1 In case removal of vinyl film/residual adhesive film is required within the warranty period because of manufacturing/application/printing defects, OEM will arrange to get the film replaced at no cost to the railways.

8.2 The time taken for removal of previous graphics & application of new graphic films should not be more than eight hours per coach.

8.3 The removal of the applied film should not be tedious. The removal should be done using a hot air blower, but the temperature should not exceed 70-degree C. In case any film or adhesive residue is observed after removal, it should be possible to remove the residue by use of ISO propyl alcohol and lint free cloth or other proprietary solution, by the OEM, without any surface damage. Within the warranty period, the removal has to be done by the OEM.

8.4 The removal should in no way damage the painted surface of the coach. The OEM shall be liable for damages evident after removal of the film. The coach should be returned in the same condition as it was handed over initially.

9.0: TESTING THE VINYL GRAPHIC FILM:

9.1 Adhesive power:

The adhesive power shall be tested as per ASTM D3330 procedure-A for 180-degree strength on a standard test panel of Stainless Steel, conditioned as per ASTM D 4332 at a peel of velocity of 360mm/ minute.

9.2 Controlled Release adhesion: This shall be tested visually for presence of air channels on the adhesive side of the base film after the removal of release liner.

9.3 Temperature Resistance:

Two test specimens 25mmx200mm are stuck on to test plates of stainless steel, polished to a completely plane surface and are subsequently stored at standard reference atmosphere. The specimens are subjected to temperature changes for seven cycles-each comprising 8 hours of -10 deg C and 16 hours of 100 deg C.

9.4-Dimensional Stability:

Four 160mm x 160mm test specimens are stuck onto degreased and etched aluminium plates with the dimension of 150x150x8 mm and are stored for 72 hours in standard reference atmosphere. The projecting test specimen is then cut with a sharp knife (razor blade) along the test plate. Afterwards, the test specimens are stored for 48 hours at 70 deg. C and are then cooled down for 2 hours in standard reference atmosphere of 23+/-1 deg. C and 50% relative humidity. Measurement of the shrinkage at two measuring points in longitudinal and transverse directions should be done.

9.5 Resistance against detergents:

The test is to be carried out with two test solutions:

Duration of test 24 Hrs. 'A' Solution:	'B' Solution:
40% phosphoric acid	10% Fatty alcohol polyethylene glycol ether - 10%
15% emulsifying agent	Sodium cumene sulphonate (40% solution) - 5%
45% water(distilled)	NTA liquid (40% solution) Trilon A, BASF) - 5%
	Triethanolamine- 20%
	Totally demineralized water - 60%

Emulsifying agent: Oleyl-stearyl alcohol mix (with iodine value 50) with 10 molethylene oxide.

Mix application concentration for test solution A and B 1:4 respectively.

ANNEXURE – C

PROFORMA FOR PERFORMANCE BANK GUARANTEE BOND FOR NON-FARE REVENUE CONTRACTS

The President of India,

Through the Divisional Railway Manager (Finance)

_____ Division

_____ Railway.

1. In consideration of the President of India (hereinafter called "Railway") having agreed to accept from _____ (hereinafter called "the said Licensee/s), under the terms and conditions of an Agreement/Acceptance letter dated _____ made _____ between _____ and _____ (hereinafter called " the said License Agreement ") the Performance Guarantee for the due fulfilment by the Licensee/s of the terms and conditions on the said Agreement on production of Bank Guarantee for Rs _____ (Rs. _____ only) we, _____ (indicate the name of the Bank hereinafter referred to as "the Bank") at the request of _____ Licensee/s do hereby undertake to pay the Railway an amount not exceeding Rs. _____ against any loss or damage caused to or suffered by or would be caused to or suffered by the Railway by reason of any breach by the said Licensee(s) of any of the terms or conditions contained in the said Agreement.

2. We _____ (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on demand from the Railway stating that the amount claimed is by way of loss or damage caused to or suffered by the Railway by reason of breach by the said Licensee/s of any of the terms or conditions contained in the said agreement or any other Agreement by reason of the Licensee/s failure to perform this agreement or any other Agreement with Railway , any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

3. We undertake to pay to the Railway any money so demanded notwithstanding any dispute or disputes raised by the Licensee(s) /supplier(s) in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Licensee(s)/suppliers(s) shall have no claim against us for making such payment.

4. We, _____ (indicate the name of the bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement, including Maintenance/Warranty Period, and that it shall continue to be enforceable till the dues of the Railway under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till _____ (office/Department) Ministry of Railway certifies that the terms and conditions of the Agreement have been fully and properly carried out by the said Licensee(s) and accordingly discharged this guarantee, unless a demand or claim under this guarantee is made on us in writing on or before the _____ (date of completion+ 6 months) we shall be discharged from all liability under this guarantee hereafter.

5. We, _____ (indicate the name of the Bank) further agree with the Railway that the Railway shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Licensee(s) from time to time or to postpone from any time or from time to time any of the powers exercisable by the Railway against the said contract and to forebear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the Licensee/s or for any forbear able act omission on the part of the Railway or indulgence by the Railway to the said Licensee(s) or such any matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the bank or the Licensee(s) Supplier(s).

7. We, _____ (indicate the name of Bank) undertake not to revoke this guarantee during its currency except with the previous consent of the Railway in writing.

Date this _____ day of _____ 20__.

For _____
(Indicate the name of Bank) & Seal of the Bank

Witnessed (With Signature, Name & Address)

Witness 1:

Signature.....

Name:

Age:

Address:

Witness 2:

Signature.....

Name:

Age:

Address:

ANNEXURE – D

MANDATE FORM FOR PAYMENT THROUGH NEFT/RTGS

Reference to NEFT/RTGS payment system being set up by South Western Railway, Bangalore for remittance of payment as per Reserve Bank of India NEFT/RTGS Scheme, our payment may be made through NEFT/RTGS to or bank account as per detail below: -

Sl. No.	Details	Applicant(s) Particular
1	Name & address of applicant(s)/ firm	
2	Bank Name	
3	Bank Address	
4	Name of the City	
5	Bank telephone/Fax No.	
6	Bank IFSC Code for NEFT	
7	Bank IFSC Code for RTGS	
8	Bank MICR Code	
9	Applicant Bank Account No.	
10	Type of Account	
11	Telephone /Mobile No. of applicant	
12	E-mail ID	
13	Pan No. of applicant	

We hereby declare that the particulars given above correct and complete. If the transaction is delayed /not effected for reasons of incomplete information I/we will not held Railways responsible.

Signature of tenderer(s)
Name of the Tenderer

