


GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TOURISM
Project Management Unit, IDIPT-TN
Tamil Nadu Tourism Complex, No.2, Wallajah Road, Chennai- 600 002.
Infrastructure Development Investment Program for Tourism, Tamil Nadu (IDIPT-TN)
Invitation for Bids (International Competitive Bidding)
Corrigendum Sheet No:1

Bid Invitation No :550/PMU/ADB/TECH/2017 Dated 22.12.2017

Title : Infrastructure Development Investment Program for Tourism, Tamil Nadu (IDIPT-TN) –Tranche 4

Contract No and Title : IDIPT/TN/T4/ICB/02/2017: Supply and Installation of Retro Reflective Signage Boards at 228 different tourist sites in all 32 district of Tamil Nadu

Volume 1 – Technical Bid			
Section 6 : Schedule of Supply			
S. No	Description	As per Uploaded bidding document	As per Corrigendum issued bidding document
6	Template		
7	Sample		Bidders are advised to provide samples each type
Section 8 : Special conditions of contract			
S. No	Section/ Clause	As per Uploaded bidding document	As per Corrigendum issued bidding document
1	GCC 28.3	The period of validity of the Warranty shall be as per clause 6.9 of IRC 67-2012, both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the 10 years warranty issued by the sheeting manufacturer.	The period of validity of the Warranty shall be as per clause 6.9 of IRC 67-2012 and ASTM D 4956-09 , both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the 10 years warranty issued by the sheeting manufacturer. The 1% of contract value to be retained from the bidder at end of defects liability period upto warranty period of 10 years.

Volume 2 – Price Bid

S.No	Item No	As per Uploaded bidding document	As per Corrigendum issued bidding document
1	1	<p>WAY FINDING SIGNS(SHOULDER MOUNTED)/TOURIST INFORMATION SIGNS</p> <p>Manufacturing, Supplying & fixing of the following item complete: The vertical support post for sign boards is made of 73.03mm outer dia, 2.11mm thick stainless steel pipe (304 grade) to a height of 3900mm above ground level firmly fixed to the ground by means of properly designed depth of foundation with M15 grade cement concrete 45cmX45cmX60cm complete. Retro-Reflective Way Finding Sign Boards of Size 1800mm X 1220mm made out of wide angle cube corner microprismatic grade sheeting confirming to Type XI standards of IRC 67-2012 & ASTM D 4956-09 Specifications and fixed over 2mm thick aluminum Sheet & back support frame of stainless steel of size 15mmx20mm, 1.2mm thick (304 grade) supported by 38.1mm OD, 1.2mm thick SS pipe (304 grade) all around and gusset plate of mild steel of size 100mm wide and 16mm thick shall be provided. The vertical cross bracing to be provided wherever necessary.</p> <p>Colour: The background colour as per tourism standard of retro reflective sheet material shall be in Green, Brown and text shall be white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour and lettering size with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability: As per clause 6.9 IRC 67-2012, both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - A" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC, ASTM and BIS specifications and departmental guidelines and specifications.</p> <p>N.B: One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>	<p>WAY FINDING SIGNS(SHOULDER MOUNTED)/TOURIST INFORMATION SIGNS</p> <p>Manufacturing, Supplying & fixing of the following item complete: The vertical support post for sign boards is made of 73.03mm outer dia, 2.11mm thick stainless steel pipe (304 grade) to a height of 3900mm above ground level firmly fixed to the ground by means of properly designed depth of foundation with M15 grade cement concrete 45cmX45cmX60cm complete. Retro-Reflective Way Finding Sign Boards of Size 1800mm X 1220mm made out of wide angle cube corner microprismatic grade sheeting confirming to Type XI standards of IRC 67-2012 & ASTM D 4956-09 Specifications and fixed over 2mm thick aluminum Sheet & back support frame of stainless steel of size 15mmx20mm, 1.2mm thick (304 grade) supported by 38.1mm OD, 1.2mm thick SS pipe (304 grade) all around and gusset plate of mild steel of size 100mm wide and 16mm thick shall be provided. The vertical cross bracing to be provided wherever necessary.</p> <p>Colour: The background colour as per tourism standard of retro reflective sheet material shall be in Green, Brown and text shall be white. The lettering and images/pictures/pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour, lettering size images/pictures/pictogram/symbols with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability: As per clause 6.9 IRC 67-2012 and ASTM D 4956-09, both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - A" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC 67-2012, ASTM D 4956-09 and BIS specifications and departmental guidelines and specifications.</p> <p>N.B: One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>

Sl.No	Item No	As perUploaded bidding document	As perCorrigendumissued bidding document
2	2	<p>OVERHEAD SIGN (CANTILEVER TYPE)</p> <p>Manufacturing, Supplying & fixing of the following items complete:</p> <p>The Vertical support post for the installation of overhead sign cantilever is made of 323mm outer dia, 8mm thick MS pipe to a height of 8700mm above ground level and the depth of pipe below ground level has to be taken suitably to suit the soil conditions. The vertical member supporting the cantilever projection frame of 5500mm long with a height of 1500mm made of 114.3mm outer dia, 4.5mm thick MS pipe for horizontal member and 76.1mm outer dia, 3.2mm thick MS pipe for vertical member. Overhead Information sign (Cantilever) board is of size 5400mmX2100mm on both the sides made out of cube corner micro Prismatic grade retro reflective sheeting conforming to Type XI standards of IRC 67-2012 and ASTM D 4956-09 fully covered over 2mm thick aluminium sheeting fixed over a back support frame that shall be MS angle of size 50mmx50mmx6mm. The Vertical Cross bracing to be provided wherever necessary.</p> <p>Colour:The background colour as per tourism standard of retro reflective sheet material shall be in Green,Brown and text shall be white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour and lettering size with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability:As per clause 6.9 IRC 67-2012,both the screen printed area,cut-out sheeting and cut-out durable transparent overlay flim shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - B" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC,ASTM and BIS specifications and departmental guidelines and specifications.</p> <p>N.B:One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>	<p>OVERHEAD SIGN (CANTILEVER TYPE)</p> <p>Manufacturing, Supplying & fixing of the following items complete:</p> <p>The Vertical support post for the installation of overhead sign cantilever is made of 323mm outer dia, 8mm thick MS pipe to a height of 8700mm above ground level and the depth of pipe below ground level has to be taken suitably to suit the soil conditions. The vertical member supporting the cantilever projection frame of 5500mm long with a height of 1500mm made of 114.3mm outer dia, 4.5mm thick MS pipe for horizontal member and 76.1mm outer dia, 3.2mm thick MS pipe for vertical member. Overhead Information sign (Cantilever) board is of size 5400mmX2100mm on both the sides made out of cube corner micro Prismatic grade retro reflective sheeting conforming to Type XI standards of IRC 67-2012 and ASTM D 4956-09 fully covered over 2mm thick aluminium sheeting fixed over a back support frame that shall be MS angle of size 50mmx50mmx6mm. The Vertical Cross bracing to be provided wherever necessary.</p> <p>Colour:The background colour as per tourism standard of retro reflective sheet material shall be in Green,Brown and text shall be white. The lettering and images/pictures/pictogram/symbols shall confirm the IRC 67-2012 standards.The background colour, lettering size images/pictures/pictogram/symbols with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability:As per clause 6.9 IRC 67-2012 and ASTM D 4956-09,both the screen printed area,cut-out sheeting and cut-out durable transparent overlay flim shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - B" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC 67-2012, ASTM D 4956-09 and BIS specifications and departmental guidelines and specificationsN.B:One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>

Sl.No	Item No	As per Uploaded bidding document	As per Corrigendum issued bidding document
3	3	<p>Tourist Map Sign Board Manufacturing, Supplying & fixing of the following items complete: The Vertical support post for the installation of Tourist Map Sign is made of 193.7M outer dia MS pipe(at 25.1kg/m) to a height of 5100mm above road level and the depth of pipe below ground level has to be taken suitably to suit the soil conditions. The vertical member supporting the Horizontal frame of 4000mm long with made of 42.4MM outer dia MS pipe(at 3.1kg/m) .Tourist Map Sign board is of size 4000 mm X 3000 mm on one the side made out of cube corner micro Prismatic grade retro reflective sheeting conforming to Type XI standards of IRC 67-2012 and ASTM D4956-09 fully covered over 2mm thick aluminium sheet mounted on 50X50X6mm MS angle around with cross bracing to be provided wherever necessary. The background colour of retro reflective material in blue and text in white. The lettering and pictogram/symbols confirm the IRC 67-2012 standards. RCC foundation as indicated in the drawing may be followed including necessary earthwork excavation. Two(2) coats of approved colour synthetic enamel painting to the steel surfaces.</p> <p>Color: The background colour as per tourism standard of retro reflective sheet material shall be in Green, Brown and text shall be white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour and lettering size with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability: As per clause 6.9 IRC 67-2012, both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - C" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC, ASTM and BIS specifications and departmental guidelines and specifications.</p> <p>N.B: One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>	<p>Tourist Map Sign Board Manufacturing, Supplying & fixing of the following items complete: The Vertical support post for the installation of Tourist Map Sign is made of 193.7M outer dia MS pipe(at 25.1kg/m) to a height of 5100mm above road level and the depth of pipe below ground level has to be taken suitably to suit the soil conditions. The vertical member supporting the Horizontal frame of 4000mm long with made of 42.4MM outer dia MS pipe(at 3.1kg/m) .Tourist Map Sign board is of size 4000 mm X 3000 mm on one the side made out of cube corner micro Prismatic grade retro reflective sheeting conforming to Type XI standards of IRC 67-2012 and ASTM D4956-09 fully covered over 2mm thick aluminium sheet mounted on 50X50X6mm MS angle around with cross bracing to be provided wherever necessary. The background colour of retro reflective material in blue and text in white. The lettering and pictogram/symbols confirm the IRC 67-2012 standards. RCC foundation as indicated in the drawing may be followed including necessary earthwork excavation. Two(2) coats of approved colour synthetic enamel painting to the steel surfaces.</p> <p>Color: The background colour as per tourism standard of retro reflective sheet material shall be in Green, Brown and text shall be white. The lettering and images/pictures/pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour, lettering size images/pictures/pictogram/symbols with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability: As per clause 6.9 IRC 67-2012 and ASTM D 4956-09, both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - C" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC 67-2012, ASTM D 4956-09 and BIS specifications and departmental guidelines and specifications N.B: One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>

SI.No	Item No	As per Uploaded bidding document	As per Corrigendum issued bidding document
4	4	<p>SINGLE ARROW SIGN BOARD</p> <p>Manufacturing, Supplying & Fixing of the following items complete:</p> <p>Two(2) numbers of vertical support post of size 73.03mm OuterDia, 2.11mm thick SS Pipe (304 Grade) to a height of 900mm above ground level firmly fixed to the ground as per 'Signage Drawing - D'. The foundation is of M15 grade cement concrete of size 300 mmx300 mmx450 mm. Retro-Reflective Road Name sign board Single Arrow size 1.0mx0.5m made out of wide angle cube corner microprismatic grade retro reflective sheeting confirming to Type XI standards of IRC 67:2012 & ASTM D 4956-09 specifications and fixed over 2mm thick aluminium sheet. The back support frame of size 15mmx20mm, 1.2mm thick stainless steel (304 Grade) supported by 38.1mm Outer Dia, 1.2mm thick stainless steel pipe (304 Grade) all around is firmly fixed to the vertical post and Gusset plate of mild steel of size 100mm wide and 16mm thick shall be provided. The Vertical Cross bracing to be provided wherever necessary.</p> <p>Colour: The background colour as per tourism standard of retro reflective sheet material shall be in Green, Brown and text shall be white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour and lettering size with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warranty and Durability: As per clause 6.9 IRC 67-2012, both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - D" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC, ASTM and BIS specifications and departmental guidelines and specifications.</p> <p>N.B: One/Two prefabricated model to be got approved before fixing in position by the executing agency (PD/PIU).</p>	<p>SINGLE ARROW SIGN BOARD</p> <p>Manufacturing, Supplying & Fixing of the following items complete:</p> <p>Two(2) numbers of vertical support post of size 73.03mm OuterDia, 2.11mm thick SS Pipe (304 Grade) to a height of 900mm above ground level firmly fixed to the ground as per 'Signage Drawing - D'. The foundation is of M15 grade cement concrete of size 300 mmx300 mmx450 mm. Retro-Reflective Road Name sign board Single Arrow size 1.0mx0.5m made out of wide angle cube corner microprismatic grade retro reflective sheeting confirming to Type XI standards of IRC 67:2012 & ASTM D 4956-09 specifications and fixed over 2mm thick aluminium sheet. The back support frame of size 15mmx20mm, 1.2mm thick stainless steel (304 Grade) supported by 38.1mm Outer Dia, 1.2mm thick stainless steel pipe (304 Grade) all around is firmly fixed to the vertical post and Gusset plate of mild steel of size 100mm wide and 16mm thick shall be provided. The Vertical Cross bracing to be provided wherever necessary.</p> <p>Colour: The background colour as per tourism standard of retro reflective sheet material shall be in Green, Brown and text shall be white The lettering and images/pictures/pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour, lettering size images/pictures/pictogram/symbols with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warranty and Durability: As per clause 6.9 IRC 67-2012 and ASTM D 4956-09 both the screen printed area, cut-out sheeting and cut-out durable transparent overlay film shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - D" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC 67-2012, ASTM D 4956-09 and BIS specifications and departmental guidelines and specifications.</p> <p>N.B: One/Two prefabricated model to be got approved before fixing in position by the executing agency (PD/PIU).</p>

Sl.No	Item No	As perUploaded bidding document	As perCorrigendumissued bidding document
5	5	<p>DOUBLE ARROW SIGN BOARD Manufacturing, Supplying & Fixing of the following items complete:</p> <p>Two(2) numbers of vertical support post of size 73.03mm Outer Dia, 2.11mm thick SS Pipe (304 Grade) to a height of 900mm above ground level firmly fixed to the ground as per 'Signage Drawing - E'. The foundation is of M15 grade cement concrete of size 300 mmx300 mmx450 mm. Retro-Reflective Road Name sign board Double Arrow size 1.3mx0.5m made out of wide angle cube corner microprismatic grade retro reflective sheeting confirming to Type XI standards of IRC 67:2012 & ASTM D4956-09 specifications and fixed over 2mm thick aluminium sheet. The back support frame of size 15mmx20mm, 1.2mm thick stainless steel (304 Grade) supported by 38.1mm Outer Dia, 1.2mm thick stainless steel pipe (304 Grade) all around is firmly fixed to the vertical post and Gusset plate of mild steel of size 100mm wide and 16mm thick shall be provided. The Vertical Cross bracing to be provided wherever necessary.</p> <p>Colour: The back ground colour of retroreflective material shall be in blue and text shall be in white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards.</p> <p>The background colour as per tourism standard of retro reflective sheet material shall be in Green,Brown and text shall be white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. The background colour and lettering size with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability:As per clause 6.9 IRC 67-2012,both the screen printed area,cut-out sheeting and cut-out durable transparent overlay flim shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - E" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC,ASTM and BIS specifications and departmental guidelines and specifications.</p> <p>N.B:One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>	<p>DOUBLE ARROW SIGN BOARD Manufacturing, Supplying & Fixing of the following items complete:</p> <p>Two(2) numbers of vertical support post of size 73.03mm Outer Dia, 2.11mm thick SS Pipe (304 Grade) to a height of 900mm above ground level firmly fixed to the ground as per 'Signage Drawing - E'. The foundation is of M15 grade cement concrete of size 300 mmx300 mmx450 mm. Retro-Reflective Road Name sign board Double Arrow size 1.3mx0.5m made out of wide angle cube corner microprismatic grade retro reflective sheeting confirming to Type XI standards of IRC 67:2012 & ASTM D4956-09 specifications and fixed over 2mm thick aluminium sheet. The back support frame of size 15mmx20mm, 1.2mm thick stainless steel (304 Grade) supported by 38.1mm Outer Dia, 1.2mm thick stainless steel pipe (304 Grade) all around is firmly fixed to the vertical post and Gusset plate of mild steel of size 100mm wide and 16mm thick shall be provided. The Vertical Cross bracing to be provided wherever necessary.</p> <p>Colour: The back ground colour of retroreflective material shall be in blue and text shall be in white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards.</p> <p>The background colour as per tourism standard of retro reflective sheet material shall be in Green,Brown and text shall be white. The lettering and images/pictures/pictogram/symbols shall confirm the IRC 67-2012 standards.The background colour, lettering size images/pictures/pictogram/symbols with matter to be displayed should be approved by executing agency before placing in position.</p> <p>Warrant and Durability:As per clause 6.9 IRC 67-2012 and ASTM D 4956-09,both the screen printed area,cut-out sheeting and cut-out durable transparent overlay flim shall be covered under the Ten (10) years Warranty issued by the sheeting manufacturer. A certified copy of three(3) years outdoor weather exposure report from Govt Approved test Lab for the Reflective Sheeting offered shall be submitted by the bidder.</p> <p>Foundation & Structural details shall adhere to the specification attached in the "Signage Drawing - E" including the cost of materials, labour charges, transportation, installation etc. Complete as per relevant IRC 67-2012, ASTM D 4956-09 and BIS specifications and departmental guidelines and specifications.N.B:One/Two prefabricated model to be got approved before fixing in position by the executing agency(PD/PIU).</p>



GOVERNMENT OF TAMILNADU
DEPARTMENT OF TOURISM
Project Management Unit, IDIPT-TN
Tamil Nadu Tourism Complex, No. 2, Wallajah Road, Chennai – 600 002.

Infrastructure Development Investment Program for Tourism, Tamil Nadu (IDIPT-TN)
Invitation for Bids (International Competitive Bidding)

EXTENSION OF DATE FOR SUBMISSION

Date	:	13 February.2018
Loan No and Title	:	ADB Loan no: 40648-IND - Infrastructure Development Investment Program for Tourism, Tamil Nadu (IDIPT-TN) –Tranche 4
Contract No and Title	:	IDIPT/TN/T4/ICB/02/2017 - Supply and Installation of Retro Reflective Signage Boards at 228 different tourist sites in all 32 districts of Tamil Nadu.
Original Dead line for Submission of Bids	:	16 February.2018, 15:00 Hrs (local time)
Extended Dead line for Submission of Bids	:	01 March.2018, 15:00 Hrs (local time)

Note:

Other terms & Conditions of the Invitation for bids will remain unaltered

Further clarification / corrigendum if any will be notified on the website www.tenders.tn.gov.in, www.tamilnadutourism.org only.

Tamil Nadu, India
Phone No: 044-25333859

Commissioner of Tourism
Project Director/ IDIPT-TN