



**CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY  
(WAVE TRANSIT) WILMINGTON, NC  
INVITATION FOR BIDS  
Trolley Replica Buses  
Solicitation # 19-05  
Transmittal #2 - Final Request for Approved Equal**

**Date of Transmittal:** February 11, 2019  
**Reason for Transmittal:** Response to Request for Approved Equal  
**Addendum issued by:** Albert Eby, Executive Director

Attached please find the Authority's *Final Response to Bidder Requests for Approved Equal*.

1. Definitions of final approvals are as follows:

- **APPROVED** - the request has been determined to be equal to the specified item and is compliant with the bid specification
- **DENIED** - the request has been deemed to be less than equal to the specified request and is not allowable.



**- END OF TRANSMITTAL -**



Cape Fear Public Transportation Authority

Request for Approved Equal Trolley Replica Buses #19-05

Item	Manufacturer	Date	Page #	Section	Item Including Justification	Supporting Document Attached	Initial Approval	Final Approval
1	GILLIG	1/22/2019	6	7.11 TAXES	North Carolina and local sales tax shall be shown as a separate item. Gillig requests that the Procuring Agency advise bidders/proposers of any Local, City, County, State, Franchise or Income taxes, tariffs, fees, business licenses and special taxes, or licenses that will need to be paid and/or purchased by the successful bidder/proposer as part of the performance of this contract or option of this contract.		APPROVED - the only tax imposed on vehicles in North Carolina is a 3% Highway Use Tax (HUT) levied by the North Carolina Department of Motor Vehicles. Payment of the HUT is the responsibility of and will be remitted by the Authority separate from the vehicle manufacturer	
2	GILLIG	1/22/2019	8	7.15.4 PRICE ADJUSTMENTS	The prices for this contract are to be fixed for the initial twenty four (24) month period of the contract beginning on the date of contract award. In order to best serve the interest of the procuring agency, and to assist in determining the lowest bidder for this procurement, GILLIG requests revision to "prices are to be fixed for the initial 180 days of the contract beginning on the date of contract award" .		APPROVED WITH MODIFICATION - the first sentence of §7.15.4 of the IFB is hereby amended to "The prices for this contract are to be fixed for the initial twelve (12) month period of the contract beginning on the date of contract award." All orders placed during the first 365 days of the contract shall be fixed. Following the first year of the contract, price adjustments pursuant to §7.15.4 of the IFB will be allowed	
3	GILLIG	1/22/2019	9	7.16 INSURANCE	GILLIG maintains and pays the premiums for insurance of the types and limits it deems sufficient for its protection. Enclosed is a copy of our Certificate of Liability Insurance for your information and approval. Please note our coverage exceeds the coverage listed in your specifications.	Insurance Cert.	APPROVED	
4	GILLIG LLC	1/22/2019	32	9.10.2	GILLIG requests approval to provide maintenance and parts manuals thirty (30) days after the delivery of buses ordered. This provides us the opportunity to provide customized manuals accurate to the delivered bus.		APPROVED	
5	GILLIG LLC	1/22/2019	35	9.15.4	GILLIG requests approval to provide a maximum overall height of 135"		APPROVED	
6	GILLIG LLC	1/22/2019	39	9.17.2	GILLIG requests approval to provide a Cummins L9 280 HP engine		CONDITIONALLY APPROVED - the Cummins L9 is allowed provided it meets or exceeds the specifications of the Cummins B6.7N	APPROVED
7	GILLIG LLC	1/22/2019	40	9.19.1	GILLIG requests approval to provide an Allison B400R Transmission		CONDITIONALLY APPROVED - the Allison B400 is allowed provided it meets or exceeds the specifications of the Allison B300. Additional information required	APPROVED
8	GILLIG LLC	1/22/2019	46	9.25.6	GILLIG wishes to advise the Agency that the GILLIG Low Floor bus is fully compliant with all the applicable Federal Motor Vehicle Safety Standards (FMVSS), including FMVSS 302, which is the current industry standard. Over the years GILLIG has continued a program with suppliers to provide components that meet or exceed these "voluntary recommended" guidelines. Developing technology, unavailability of suitable materials, product performance, reliability, and costs have precluded some materials being available for manufactures' use. Given the competitive nature of the transit bus industry, some items are very cost prohibitive in our competitive environment, and we wanted to clarify for the record that the Docket 90A requirement listed in the specifications were a voluntary recommended regulation. GILLIG requests approval to delete this requirement.		APPROVED - the Authority has verified that the recommendations set forth by FTA Docket 90-A are not regulatory in nature, but are merely voluntary test procedures intended to be used to assess the fire risk of certain materials. Bidders are encouraged to comply with the recommendations of FTA Docket 90-A to minimize fire and smoke emissions in instances where compliance is not cost prohibitive. <b>No exemption from Federal Motor Vehicle Safety Standard (FMVSS) No. 302 is authorized or should be inferred from FTA Docket 90-A waiver.</b>	

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9	GILLIG LLC	1/22/2019	47	9.25.9	GILLIG wishes to advise that our buses use a 3CR12 Stainless Steel Chassis. The Chassis in the low floor area is thoroughly undercoated to meet and surpass ASTM B117 testing. Due the material we use and the design of our bus, we do not coat the inside of tubing. GILLIG requests approval to delete this requirement.		NOTED - 3CR12 Stainless Steel meets the specified properties of "corrosion resistance" and a deviation from the specification is not required. Metallurgic testing or certification of the frame material may be required by Authority line inspectors to verify the grade of chassis steel. Costs for any testing will be the responsibility of the Authority.	
10	GILLIG LLC	1/22/2019	48	9.25.13.2	GILLIG wishes to advise that our buses use treated plywood in the low floor area and composite flooring in the high floor area as a standard. GILLIG can provide a full Composite flooring as an option as requested.		NOTED	
11	GILLIG LLC	1/22/2019	49	9.25.13.2.2	GILLIG wishes to advise that most Altro options are offered in 2.7mm thickness. However, should the agency choose from their Wood Safety line of options, the thickness offered is 2.2mm.		NOTED - the Authority will work directly with Altro representatives to provide detailed flooring specifications. Bidders should note as part of their bid that price adjustments resultant from deviation of the specified flooring may be imposed, if applicable.	
12	GILLIG LLC	1/22/2019	55	9.28.5	GILLIG requests approval to provide the SKF HCT-2000 air dryer. This is the air dryer the agency has on their current GILLIG buses.		APPROVED	
13	GILLIG LLC	1/22/2019	59	9.29.5.10	GILLIG wishes to clarify that we provide spares on the majority of our main harnesses to the extent practical. However, not all harnesses meet this requirement. GILLIG can work with Agency to add spares to specific harnesses if deemed necessary at the preproduction meeting if we are the successful bidder		NOTED	
14	GILLIG LLC	1/22/2019	69	9.31.5.2 & 9.31.5.3	GILLIG wishes to advise that our Trolley Offering must include Hidden Frame Style Windows. These can be fixed or upper transom glazing. This is a crucial and necessary style to be able to provide the trolley design. Reference Photo		NOTED - window frame style is compliant with bid specification	
15	GILLIG LLC	1/22/2019	74	9.32.10	GILLIG wishes to advise that a 30' CNG bus can only fit One Roof Hatch/Ventilator due to the CNG tanks being roof mounted in our design. GILLIG requests approval		APPROVED	
16	GILLIG LLC	1/22/2019	83	9.35.1	GILLIG wishes to advise that our trolley offering typically includes Real Wood Bench Type seats with Green Powder Coated Steel frames... GILLIG can offer standard transit style seats, but there are no faux oak seat options is a transit style seat available.		NOTED	
17	GILLIG LLC	1/22/2019	83	9.35.1.3	GILLIG wishes to advise, if the agency chooses to go with our real wood bench seat option, GILLIG does offer removable cushions. However they are not available in a CR Safeguard compound. GILLIG requests approval		CONDITIONAL APPROVED - please send additional information	APPROVED
18	Hometown Trolley	1/28/2019	40	9.19.1	B300 Transmission	Transmission B400 is required with ISL9 engine for compatible CNG package	CONDITIONALLY APPROVED - the Alison B400 is allowed provided it meets or exceeds the specifications of the Alison B300	APPROVED
19	Hometown Trolley	1/28/2019	40	9.18.14	Alternator 450 Amp	Request 320 AMP Leece Neville	APPROVED	
20	Hometown Trolley	1/28/2019	43	9.23.3.1	CNG Tank Location	Request CNG Tanks be located in rear area dedicated framed compartment on frame rails.	CONDITIONALLY APPROVED - assuming tank location was consistent with Altoona testing	APPROVED
21	Hometown Trolley	1/28/2019	43	9.23.3.2	GGE Capacity	Requesting 56 GGE	CONDITIONALLY APPROVED - tank layout and manufacturer information required	APPROVED

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22	Hometown Trolley	1/28/2019	45	9.24.2	Exhaust	Exhaust to exit out road side lower instead of roof top	APPROVED	
23	Hometown Trolley	1/28/2019	47	9.25.10	rear towing	Request front area towing as Our model is only towable from front area	APPROVED	
24	Hometown Trolley	1/28/2019	48	9.25.13.2.1	Sub Flooring	Request sub flooring to be composite space age flooring	CONDITIONALLY APPROVED - please send manufacturer specification or cut sheet required	APPROVED
25	Hometown Trolley	1/28/2019	65	9.30.11	driver foot switches	Request approval for turn signs and hi/low beams on column and PA be foot controlled only	APPROVED	
26	Hometown Trolley	1/28/2019	68	9.31.3.2	windshield	Request approval of 3 window windshields as this is the historical appearance of the vintage streetcar	APPROVED	
27	Hometown Trolley	1/28/2019	69	9.31.5	Passenger windows	Requesting approval of Passenger T slider lower section of glass with stationary arched top glass upper.	APPROVED	
28	Hometown Trolley	1/28/2019	70	9.32.	HVAC System	Requesting approval of MCC RM35 System with Heat strip forced air ducted through roof top passenger area with venting above each row. See product brochure attached	APPROVED	
29	Hometown Trolley	1/28/2019	80	9.34.11.1.1	Day/Night Run	Requesting approval lighted function to operate in different sequences using color dash display for Day Run Switch. See Hometown Electrical product sheet attached.	APPROVED	
30	Hometown Trolley	1/28/2019	57	9.29.5.1	Batteries	Requesting approval for 2 8D batteries	APPROVED	
31	Hometown Trolley	1/28/2019	87-88	9.35.3.2	Length of trolley	requesting clarification of length of trolley a 30' trolley or 34' trolley, Passenger capacity desired and use of single door or 2 entry exit doors as seating is reduced considerable with a 30' trolley using 2 entry/exit doors. Please see floor plan examples attached.	Bidders shall comply with §9.15.2 regarding bus length. Front bumper does not include cow catcher or bike rack (if provided, see §9.15.1 for additional info) when calculating overall bus length. The Authority apologizes for ambiguous reference to rear doors. There is no specification requiring rear doors and all reference to rear doors should be followed by "if applicable". Should bidders include a rear door as part of its bid, references to rear doors apply. Minimum seating capacity shall be 27 passengers.	