

Response to RFP Pre-Bid Queries Part-2 RFP No: NSIL/RFP/MSS/BAT/2024/01 dated 29 Oct 2024 for Supply, Installation and Commissioning of Rechargeable Lithium Ion Battery for MSS Terminal (Xponders) in Marine Fishing Vessels

Sr. No.	RFP Volume and Section	RFP page no	Content in the RFP	Proposed content	Clarification for requested change																		
1	Volume II and Chapter 2	92	Each battery shall have a minimum capacity of 12 Ah at C/2 discharge at +20°C and a mid-discharge voltage greater than or equal to 3.2V/cell. General operation voltage range given below 6S: (6*3.65=21.9) 21.9Vmax , (6*3.2=19.2) 19.2Vnom , (6*2.65=15.9) 15.9Vmin	Maximum output energy of 19.2V, 12Ah battery: 19.2*12=230.4Wh. Please clarify	Ok, Meets requirement																		
2	Volume II and Chapter 2	93	<p align="center"><i>Table 2.1 Performance Requirements of the Rechargeable Li-ion Batteries</i></p> <table border="1"> <thead> <tr> <th>S/N</th> <th>Performance parameter</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Total load in Xponder</td> <td>15W peak/ 40Wh</td> </tr> <tr> <td>2.</td> <td>Number of batteries</td> <td>45,252</td> </tr> <tr> <td>3.</td> <td>Battery operating voltage range</td> <td>12 V to 24 V</td> </tr> <tr> <td>4.</td> <td>Battery Backup (minimum)</td> <td>72 hrs</td> </tr> <tr> <td>5.</td> <td>Battery Capacity (minimum)</td> <td>12Ah</td> </tr> </tbody> </table>	S/N	Performance parameter	Value	1.	Total load in Xponder	15W peak/ 40Wh	2.	Number of batteries	45,252	3.	Battery operating voltage range	12 V to 24 V	4.	Battery Backup (minimum)	72 hrs	5.	Battery Capacity (minimum)	12Ah	1) Deliverable energy requirement: 15*72 = 1080Wh. Please clarify 2) Class2.1&2.2 two specifications having contradiction with energy delivery ratings	15W peak shall only be used to calculate the peak discharge current requirement of the battery pack. This peak requirement is there only for 500ms every 15 mins.
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General Pre-Bid Queries -RFP No: NSIL/ RFP/ MSS/ BAT/ 2024/ 01 dated 29 Oct 2024

Sr. No.	Content in the RFP	Proposed content	Clarification for requested change
1	Bid submission last date 19/11/2024	Please extend the Bid submission date for atleast 15 days	Extended for 1 week to 26/11/2024
2	Here we also like to Visit your office to discusses about Technical Part		VC/Telephonic meeting can be arranged with NSIL team if needed. The vendor shall request for the same.