
Ref: NIT No. EPI/WRO/CON/680/0106 dtd 27.06.2016

CLARIFICATION OF THE BIDDERS ENQUIRIES AS FOLLOW:

- Replies to queries from bidders - Annexure -I (enclosed as attachment)
- HAL letter for clarifications - Annexure - II (enclosed as attachment)
- All other terms and conditions remain unchanged.

GROUP GENERAL MANAGER- CONTRACTS

WESTERN REGIONAL OFFICE-MUMBAI
<table>
<thead>
<tr>
<th>Sr no.</th>
<th>Queries</th>
<th>EPI Reply</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>We are registered with NSIC and also as a MSME unit as per Government procedures. Hence, we may kindly be exempted from submission of earnest Money Deposit. The same is as per Government policy and is applicable to all tenders invited by Public Sectors Undertakings</td>
<td>EMD and Tender Fee will be exempted to Bidder as per Clause No 1.0 I at NIT</td>
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<td>b</td>
<td>The Bill of Quantities mentions some makes of cranes. Our name may kindly be permitted as we are a reputed and experienced manufacturer and fulfill your Pre Qualification criteria. Copy of our catalogue is enclosed for reference. We are also an ISO-9001-2008 Certified company. We have supplied a large number of cranes to BHEL for their own manufacturing plants and their projects all over India and also overseas. A partial list is enclosed for reference.</td>
<td>Approved Makes as per NIT</td>
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<td>c</td>
<td>The tender No. may be clarified as the same is mentioned as TENDER NO. NK/FW-CAP-ROH/577/10-11 IN Volume II and different in NIT.</td>
<td>Tender No. EPI/WRO/CON/680/0106</td>
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<tr>
<td></td>
<td>Clarifications in Technical Specifications Volume – II –</td>
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<tr>
<td>1</td>
<td>It is specified that crane must be designed to lift and handle 110% of rated load. As per IS and industry standard, crane is designed for 100% of rated load and is only tested to 125% of rated load. Crane is not to be used regularly for load beyond the rated load. If such a situation is envisaged, the rated capacity of the crane should be revised.</td>
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<td>2</td>
<td>No maintenance platforms are provided on single girder under slung cranes. Suitable maintenance platforms can only be provided on double girder EOT cranes. However suitable maintenance cage for DSL and hoist maintenance can be provided at one end/both ends.</td>
<td></td>
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<td>3</td>
<td>It is specified that variable frequency drive and load display device are not required. But it is also specified in Common specification Clause 13 that double speeds are required for all motions. Double speed can only be provided through VVVF drives or double speed motors. Double speed motors are not a standard type of motor manufactured by makes as specified. Hence, imported makes of motors with EM disc brakes may be permitted which will then be able to comply with your requirements.</td>
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<tr>
<td>4</td>
<td>Overload protection is also specified in Common specification Page 9 of 494 Clause 13 and the same is normally available in imported hoists only.</td>
<td></td>
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<tr>
<td>5</td>
<td>If imported hoists are provided, the specifications regarding motors and brakes will also need amendment</td>
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</tbody>
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Refer letter of HAL dtd 07.07.2016  
Enclose as Annexure - II
Hindustan Aeronautics Ltd
Aircraft Division, Nasik

To
M/s EPIL
Site Office, HAL

FNCS/660/Pkg II-Cranes/2016/
Date: 07/07/2016

Sub: Clarifications for the queries related to overhead cranes proposed in package II buildings.
Ref: NK/FW/CAP-ROH-577/10-11 (Package II)

Queries raised during technical discussions in meeting in the office of AGM M/s EPIL, dated 06/07/2016.

1. As per IS standards, crane design for 100% of rated load and load testing to 125% of rated load is acceptable.
2. Full length platform with hand railing along the side of the crane girder is to be provided only for the cranes having height of lift 6 meters or above and span 11 m or above. In addition to above maintenance/repair cage arrangement for hoist and DSL maintenance and small platforms for LT drive at both ends are also to be provided.
   For the remaining cranes - small platforms at both ends of the crane on LT drive side with hand railing is to be provided on one side of the crane girder in addition to maintenance/repair cage.
3. Overload protection/electrical relay to prevent the lifting load beyond safe working load is to be provided. However optional arrangement of digital load display is not required.
4. AC brakes fail safe type as applicable for under slung cranes are acceptable.
5. Cranes should be provided with VVVF drives for two speeds. Hence drives like Schneider is accepted.
6. Imported hoists are not accepted, the hoists shall be custom built in line with tender specifications are acceptable.

Through DGM (Maint)
(Gopal Kulkarni)

Cc: AGM (Services) – for kind information please.
   : Semac (Consultant) – for information and n. a.
   : FNCS – office copy

SN Chaudhari
Manager (Maint)