

# Tender Ref.M&S/P&C/2017/68 DT.08/12/2017

## Scope of Work for Load Testing of Cranes

### Under Contractor's Scope

1. Load Testing of Cranes to be done by a competent person as certified by the Chief Inspector of Factories. Qty. of Cranes to be tested as per PO.
2. The method of testing should be as per IS-807: 2006, IS-3177: 1999.
3. All equipment required for observations or measurements to be provided by contractor.
4. An inspection report should be submitted by the inspector mentioning all the components inspected and whether satisfactory or not for each crane.
5. Based on inspection report, if there are no rectifications to be made then only a certificate should be issued in form-38 format specified in Rule-55, Rule-55A of Factories Rules.
6. The validity of the certificate should be 1 year from the date of issue.
7. The certificate to be submitted to M&S Cranes Department executive as a hard copy and a soft copy for each crane.
8. All safety related equipment like gloves, helmets, glasses, safety shoes etc. to be provided by contractor to the personnel conducting the load test.
9. Contractor to ensure all safety related concerns in the area before conducting load test. (for e.g. barricading the area of testing site, informing concerned safety officer for each shop etc.)

### Under BHEL's Scope

1. Arranging dead weights for load testing and their transportation to test site within the plant will be handled by BHEL.
2. Any assistance required during load testing will be provided by BHEL. (for e.g., operating the cranes etc.)

<b>Cranes for load test</b>					
<b>SL. No.</b>	<b>CRANE No.</b>	<b>BLOCK</b>	<b>LOCATION</b>	<b>CAPACTY</b>	<b>MAKE</b>
1	01 1755	01	DE BAY	30/5T EOT	LITOSTROJ
2	01 1757	01	GH BAY	15/5T EOT	HIND
3	02 4661	01	COMP BAY	20T EOT	KHANDELWAL
4	02 1962	02	CROSS BAY	5T EOT	B.WAITE
5	03 1503	03	BC Bay	5T EOT	B.WAITE
6	04 1904	04	HIGH BAY	30/5T EOT	LITOSTROJ
7	04 1910	04	DE BAY	30/5T EOT	LITOSTROJ
8	05 2748	05	DE BAY	50/8T EOT	LITOSTROJ
9	06 1613	06	CD BAY	15T EOT	HIND
10	07 1801	07	DE BAY	15T EOT	HIND

Signature & Seal of Vendor