



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

ENQUIRY

NOTICE INVITING TENDER

Phone: +91 431 257 76 53

Fax : +91 431 252 07 19

Email : skaruna@bheltry.co.in

Web : www.bhel.com

TWO PART BID

Tender to be submitted in two parts.

Enquiry
Number:
2621100081

Enquiry
Date:
20.04.2011

Due date for submission
of quotation:
20.05.2011

You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.

Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.

Item	Description	Quantity	Delivery (Item required at BHEL on)
10	9mm 2 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
20	9mm 3 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
30	9mm 4 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
40	9mm 4 Mtr 4 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
50	9mm 5 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	30 Nos.	15.06.2011
60	9mm 7 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

An ISO 9001
Company

Item	Description	Quantity	Delivery (Item required at BHEL on)
70	12mm 5 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	30 Nos.	15.06.2011
80	12mm 7 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
90	16mm 5 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	15 Nos.	15.06.2011
100	16mm 7 Mtr 2 leg Chain sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
110	12mm x 5 Mtr SWR sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	30 Nos.	15.06.2011
120	12mm x 6 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
130	12mm x 8 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
140	12mm x 10 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
150	16mm x 5 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
160	16mm x 6 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

Item	Description	Quantity	Delivery (Item required at BHEL on)
170	16mm x 8 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
180	16mm x 10 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
190	18mm x 5 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
200	18mm x 6 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
210	18mm x 8 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
220	18mm x 10 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
230	22mm x 5 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
240	22mm x 6 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
250	22mm x 8 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
260	22mm x 10 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

An ISO 9001
Company

Item	Description	Quantity	Delivery (Item required at BHEL on)
270	25mm x 5 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
280	25mm x 6 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
290	25mm x 8 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
300	25mm x 10 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
310	28mm x 5 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
320	28mm x 6 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
330	28mm x 8 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
340	28mm x 10 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
350	32mm x 8 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
360	32mm x 10 Mtr SWR Sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

Item	Description	Quantity	Delivery (Item required at BHEL on)
370	Web Sling 2 Ton x 2 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
380	Web Sling 2 Ton x 3 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
390	Web Sling 3 Ton x 3 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	30 Nos.	15.06.2011
400	Web Sling 3 Ton x 4 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
410	Web Sling 3 Ton x 5 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
420	Web Sling 5 Ton x 8 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
430	Web Sling 5 Ton x 8 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
440	Web Sling 6 Ton x 8 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
450	Web Sling 8 Ton x 8 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
460	Web Sling 10 Ton x 10 Mtr as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

An ISO 9001
Company

Item	Description	Quantity	Delivery (Item required at BHEL on)
470	D Shackle 3.2 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	50 Nos.	15.06.2011
480	D Shackle 4 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	30 Nos.	15.06.2011
490	D Shackle 5 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	30 Nos.	15.06.2011
500	D Shackle 6.3 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	30 Nos.	15.06.2011
510	D Shackle 8 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
520	D Shackle 10 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
530	D Shackle 12.5 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
540	D Shackle 16 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
550	D Shackle 20 Ton as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	20 Nos.	15.06.2011
560	Polypropylene rope 12mm as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	60 KG	15.06.2011



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

An ISO 9001
Company

Item	Description	Quantity	Delivery (Item required at BHEL on)
570	Polypropylene rope 16mm as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	105 KG	15.06.2011
580	Polypropylene rope 18mm as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	100 KG	15.06.2011
590	Polypropylene rope 20mm as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	125 KG	15.06.2011
600	Polypropylene rope 24mm as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	120 KG	15.06.2011
610	12mm x 2 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
620	12mm x 3 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
630	12mm x 5 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
640	12mm x 8 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
650	16mm x 2 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

An ISO 9001
Company

Item	Description	Quantity	Delivery (Item required at BHEL on)
660	16mm x 3 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
670	16mm x 6 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
680	16mm x 10 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
690	20mm x 3 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
700	20mm x 5 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
710	20mm x 6 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
720	20mm x 8 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
730	24mm x 3 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

An ISO 9001
Company

Item	Description	Quantity	Delivery (Item required at BHEL on)
740	24mm x 4 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
750	24mm x 6 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011
760	24mm x 10 Mtr Poly propylene rope sling as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	10 Nos.	15.06.2011

Important points to be taken care during submission of offer

1. Checklist to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. Subsequent to the hosting of this Enquiry, any corrigendum to the Enquiry that may be hosted in the BHEL Web-site as well as Government Tenders-portal shall be viewed by the vendors regularly to know the details of corrigendum. In case if any vendor without seeing the corrigendum quoted as per original Enquiry and intimate that they have wrongly quoted will not be considered and rejected. However as per the appropriate Policy of BHEL action will be taken on them in this regard.
3. Offer should be submitted as group wise Packages
Group 1 : Enquiry Sl. No. 01 to 10 for Chain Slings
Group 2 : Enquiry Sl. No. 11 to 36 for Steel Wire Rope Slings
Group 3 : Enquiry Sl. No. 37 to 46 for Web Slings
Group 4 : Enquiry Sl. No. 47 to 55 for D-Shackle
Group 5 : Enquiry Sl. No. 56 to 76 for Polypropylene Rope and Slings
4. All the items in the each group should be quoted. Offer without quoting any item in the group will be rejected

BHEL's General guidelines / instructions (refer MM/CE/GT/001) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry referred above.

Tenders should reach us before 14:00 hours on the due date
Tenders will be opened at 14:30 hours on the due date
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED


Manager / MM / Capital Equipment

S.KARUNANIDHY

Manager

MM / Capital Equipment
BHEL, TRICHY-620 014

SPECIFICATION FOR LIFTING TACKLE ITEMS TO BE PROCURED FOR THIRUMAYAM PLANT OPERATION & MAINTENANCE

CHAIN SLINGS:

Alloy steel grade 80/T (8) chain sling with circular main ring at the top and eye hook at the bottom as per IS 2760/1980.

To join chain with main ring, oblong shape joining and intermediate link shall be used.

To join chain with hook oblong shape joining link shall be used.

Inspection at manufacture's works shall be offered before dispatch.

WLL (SWL) at 90 deg, length, and identification number shall be punched in the main ring.

Test certificate and chemical composition certificate shall be submitted during pre dispatch inspection and shall be enclosed along with dispatch document.

Chain as per: IS-6215/1982.

Eye hook as per: IS-3822/2002.

Chain sling as per: IS-2760/1980.

Item no	Description	Main ring size dia x ID	No of legs	Effective length	Remarks
1	9mm 2mtr 2leg chain sling	25mm x 135 mm	2	2 Mtrs	
2	9mm 3mtr 2leg chain sling	32mm x 160 mm	2	3 Mtrs	
3	9mm 4mtr 2leg chain sling	32mm x 160mm	2	4 Mtrs	
4	9mm 4mtr 4leg chain sling	40mm x 250mm	4	4 Mtrs	
5	9mm 5mtr 2leg chain sling	32mm x 250 mm	2	5 Mtrs	
6	9mm 7mtr 2leg chain sling	32 mm x 250mm	2	7 Mtrs	
7	12mm 5mtr 2leg chain sling	36mm x 250mm	2	5 Mtrs	
8	12mm 7mtr 2leg chain sling	36mm x 250mm	2	7 Mtrs	
9	16mm 5mtr 2leg chain sling	45mm x 250 mm	2	5 Mtrs	
10	16mm 7mtr 2leg chain sling	45mm x 250 mm	2	7 Mtrs	

STEEL WIRE ROPE SLINGS

Steel wire rope sling, mechanically spliced with aluminum alloy ferrule as per IS: 5245-Part-II. Steel wire rope as per IS: 2266 Tensile designation 1770 N/MM SQ, fiber core. Test certificate shall be submitted during pre dispatch inspection and shall be enclosed along with dispatch document. SWL, length, identification number shall be punched in aluminum ferrule.

Inspection at manufacture's works shall be offered before dispatch.

Item no	Description	Rope cons.	Eye length	Effective length	
11	12mm x 5 Mtr SWR sling	6 x 19	300 mm	5 Mtr	
12	12mm x 6 Mtr SWR sling	6 x 19	300 mm	6 Mtr	
13	12mm x 8 Mtr SWR sling	6 x 19	300 mm	8 Mtr	
14	12mm x 10 Mtr SWR sling	6 x 19	300 mm	10 Mtr	
15	16mm x 5 Mtr SWR sling	6 x 19	350 mm	5 Mtr	
16	16mm x 6 Mtr SWR sling	6 x 19	350 mm	6 Mtr	

17	16mm x 8 Mtr SWR sling	6 x 19	350 mm	8 Mtr	
18	16 mm x 10 Mtr SWR sling	6 x 19	350 mm	10 Mtr	
19	18 mm x 5 Mtr SWR sling	6 x 19	350 mm	5 Mtr	
20	18mm x 6 Mtr SWR sling	6 x 19	350 mm	6 Mtr	
21	18mm x 8 Mtr SWR sling	6 x 19	350 mm	8 Mtr	
22	18mm x 10 Mtr SWR sling	6 x 19	350 mm	10 Mtr	
23	22mm x 5 Mtr SWR sling	6 x 19	400 mm	5 Mtr	
24	22mm x 6 Mtr SWR sling	6 x 19	400 mm	6 Mtr	
25	22mm x 8 Mtr SWR sling	6 x 19	400 mm	8 Mtr	
26	22mm x 10 Mtr SWR sling	6 x 19	400 mm	10 Mtr	
27	25 mm x 5 Mtr SWR sling	6 x 19	450 mm	5 Mtr	
28	25 mm x 6Mtr SWR sling	6 x 37	450 mm	6 Mtr	
29	25mm x 8 Mtr SWR sling	6 x 37	450 mm	8 Mtr	
30	25mm x 10 Mtr SWR sling	6 x 37	450 mm	10 Mtr	
31	28 mm x 5 Mtr SWR sling	6 x 37	500 mm	5 Mtr	
32	28 mm x 6 Mtr SWR sling	6 x 37	500 mm	6 Mtr	
33	28 mm x 8 Mtr SWR sling	6 x 37	500 mm	8 Mtr	
34	28 mm x 10 Mtr SWR sling	6 x 37	500 mm	10 Mtr	
35	32 mm x 8 Mtr SWR sling	6 x 37	500 mm	8 Mtr	
36	32 mm x 10 Mtr SWR sling	6 x 37	500 mm	10 Mtr	

WEB SLING

Flat webbing sling double layered with reinforced eyes at both ends and with identification tag and test certificate with each sling. Minimum safety factor shall be 6.

That tag should have the following information:-

- Name and trademark of manufacturer.
- Manufacturer's code or stock number.
- Rated loads (rated capacities) for the type of hitches used.
- Type of synthetic material.

Item no	Description	SWL	LENGTH	Breath	Color code
37	Web sling 2Ton x 2Mtr	2 Ton	2 Mtr	50mm	Green
38	Web sling 2Ton x 3Mtr	2 Ton	3 Mtr	50 mm	Green
39	Web sling 3Ton x 3Mtr	3Ton	3 Mtr	75 mm	Yellow
40	Web sling 3Ton x 4Mtr	3Ton	4 Mtr	75 mm	Yeliow
41	Web sling 3Ton x 5Mtr	3Ton	5 Mtr	75 mm	Yellow
42	Web sling 5Ton x 5Mtr	5 Ton	5Mtr	125 mm	Red
43	Web sling 5Ton x 8Mtr	5 Ton	8Mtr	125 mm	Red
44	Web sling 6Ton x 8Mtr	6 Ton	8 Mtr	150mm	Brown
45	Web sling 8Ton x 8Mtr	8 Ton	8Mtr	200mm	Blue
46	Web sling 10Ton x 10Mtr	10 Ton	10Mtr	200 mm	Orange

'D'SHCKLE

- ✓ Grade 63 grade S(6) 'D' shackle With screwed type pin with eye and collar(Type-W)as per IS6132 / 2003 with manufacturer's test certificate.

Item no	Description	SWL
47	D shackle 3.2 Ton	3.2 Ton
48	D shackle 4 Ton	4 Ton
49	D shackle 5 Ton	5 Ton
50	D shackle 6.3 Ton	6.3 Ton
51	D shackle 8 Ton	8 Ton
52	D shackle 10Ton	10 Ton
53	D shackle 12.5 Ton	12.5 Ton
54	D shackle 16 Ton	16 Ton
55	D shackle 20 Ton	20 Ton

POLYPROPOLYNE ROPE

Polypropylene rope as per IS 5175 –1992 three strand (Hawser laid)

Packed in 220 Mtr coil

Item no	Description	size	Minimum lenear breaking load	Number of coil
56	Polypropylene rope 12 mm	12 mm	2210 kg	4
57	Polypropylene rope 16 mm	16 mm	3770 kg	4
58	Polypropylene rope 18 mm	18 mm	4810 kg	3
59	Polypropylene rope 20 mm	20 mm	5800 kg	3
60	Polypropylene rope 24 mm	24 mm	810	2

POLYPROPOLYNE ROPE SLING

Hand spliced Polypropylene rope sling. (Polypropylene rope as per IS 5175 –1992 three strand Hawser laid) SWL, rope size and length of the sling shall be provided with the sling in a tag in each sling.

	Description	Rope size	Effective length	Eye length
61	12 mm x 2 mtr poly propylene rope sling	12 mm	2 mtr	200 mm
62	12 mm x 3 mtr poly propylene rope sling	12 mm	3 mtr	200 mm
63	12 mm x 5 mtr poly propylene rope sling	12 mm	5 mtr	200 mm
64	12 mm x 8 mtr poly propylene rope sling	12 mm	8 mtr	200 mm
65	16 mm x 2 mtr poly propylene rope sling	16 mm	2 mtr	250 mm
66	16 mm x 3 mtr poly propylene rope sling	16 mm	3 mtr	250 mm
67	16 mm x 6 mtr poly propylene rope sling	16 mm	6 mtr	250 mm
67	16 mm x 10 mtr poly propylene rope sling	16 mm	10mtr	250 mm
69	20mm x 3 mtr poly propylene rope sling	20 mm	3 mtr	300 mm
70	20mm x 5 mtr poly propylene rope sling	20 mm	5 mtr	300 mm
71	20mm x 6 mtr poly propylene rope sling	20 mm	6 mtr	300 mm
72	20mm x 8 mtr poly propylene rope sling	20 mm	8 mtr	300 mm
73	24mm x 3 mtr poly propylene rope sling	24 mm	3 mtr	350 mm
74	24mm x 4 mtr poly propylene rope sling	24 mm	4 mtr	350 mm
75	24mm x 6 mtr poly propylene rope sling	24 mm	6 mtr	350 mm
76	24mm x 10 mtr poly propylene rope sling	24 mm	10 mtr	330 mm