



**Bharat Heavy Electricals Limited
(A Govt. of India Undertaking)**

Piping Centre, 80, G. N. Chetty Road, CHENNAI – 600 017
Phone : 91 (044) 28161297, e-mail: kbalu@bhelmpc.co.in

REF: ENQ NO: 4601200025

DT: 24.08.2012

Sub: Fabrication PIPING & PIPING COMPONENTS on conversion basis with BHEL materials

Ref: Enquiry No: 4601200025 dt. 24-08-12

Please find the following tender documents for reference.

1. List of items

Scope of work :

- Vendor should collect raw material from BHEL, Trichy stores and transport it to their works at his cost.
- Manufacture the item as per drgs, quality plans and inspections.
- Offer the finished product to BHEL / Customer as applicable for inspection.
- Deliver the finished product to BHEL, Trichy
- Material accounting to be done by returning the material issued in excess as per the approved cutting plan to BHEL, Trichy stores.

New vendors may take note of the items of the enquiry, satisfy themselves of their ability to meet the requirements and apply for registration with BHEL. After qualifying for registration, the new vendors may be considered for future requirements, in line with BHEL system and policy. Such vendors will not be considered for this enquiry.

This is a limited tender and only vendors who are contacted though e-mail / courier may submit their offers.

The New vendors may download vendor registration forms from BHEL web site www.bhel.com and relevant data for formal registration.


24/8/12

Sr Manager / OS
BHEL / Piping Centre
80, GN Road, T.Nagar
Chennai-600017
Ph:28161297

ENCL : LIST OF ITEMS

VENDOR CODE : VENDOR NAME :

SL NO	RATE CODE	DESCRIPTION	UOM	RATE RS
[01] END CHAMFERING / SQUARECUT/ BOTH END OF - CS/AS/SS - PIPES / FITTINGS / STUBS, MATCHING PIECE MACHINED OUT OF PIPE - IBR				
1	8001	END CHAMF OF UP TO NB 100 AND UP TO THK 14.27 MM	NO	
2	8002	END CHAMF OF UP TO NB 100 AND THK ABOVE 14.27 MM	NO	
3	8003	END CHAMF OF ABOVE NB 100 & UP TO NB 300 - THK UP TO 14.27 MM	NO	
4	8004	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
5	8005	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
6	8006	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
7	8007	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
8	8008	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
9	8009	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK UP TO 14.27 MM	NO	
10	8010	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
11	8011	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
12	8012	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
13	8013	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
14	8014	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
15	8015	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
16	8016	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 100 MM AND UP TO 125 MM	NO	
17	8017	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK UP TO 14.27 MM	NO	
18	8018	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
19	8019	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
20	8020	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
21	8021	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
22	8022	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
23	8023	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
24	8024	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 100 MM & UP TO 125 MM	NO	
25	8025	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK UP TO 14.27 MM	NO	
26	8026	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
27	8027	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
28	8028	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
29	8029	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
30	8030	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
31	8031	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
32	8032	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 100 MM & UP TO 125 MM	NO	
33	8033	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK UP TO 14.27 MM	NO	
34	8034	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 14.27 & UP TO 20 MM	NO	
35	8035	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
36	8036	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
37	8037	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
38	8038	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 64 MM AND UP TO 80 MM	NO	
39	8039	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
40	8040	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 100 MM & UP TO 125 MM	NO	
[02] END CHAMFERING / SQUARECUT/ BOTH END OF - CS / AS / SS / PIPES / FITTINGS / STUBS, MATCHING PIECE MACHINED OUT OF PIPE - NON- IBR				
41	8041	END CHAMF OF UP TO NB 100 AND UP TO THK 14.27 MM	NO	
42	8042	END CHAMF OF UP TO NB 100 AND THK ABOVE 14.27 MM	NO	
43	8043	END CHAMF OF ABOVE NB 100 & UP TO NB 300 - THK UP TO 14.27 MM	NO	
44	8044	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
45	8045	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
46	8046	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
47	8047	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
48	8048	END CHAMF OF ABOVE NB 100 & UP TO NB 300 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
49	8049	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK UP TO 14.27 MM	NO	
50	8050	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
51	8051	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
52	8052	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
53	8053	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
54	8054	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
55	8055	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
56	8056	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 100 MM AND UP TO 125 MM	NO	
57	8057	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK UP TO 14.27 MM	NO	
58	8058	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
59	8059	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
60	8060	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
61	8061	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
62	8062	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
63	8063	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
64	8064	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 100 MM & UP TO 125 MM	NO	
65	8065	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK UP TO 14.27 MM	NO	
66	8066	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
67	8067	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
68	8068	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
69	8069	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
70	8070	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 64 MM & UP TO 80 MM	NO	
71	8071	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
72	8072	END CHAMF OF ABOVE NB 750 & UP TO NB 1000 AND THK ABOVE 100 MM & UP TO 125 MM	NO	
73	8073	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK UP TO 14.27 MM	NO	
74	8074	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 14.27 & UP TO 20 MM	NO	
75	8075	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 20 MM & UP TO 28 MM	NO	
76	8076	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 28 MM & UP TO 42 MM	NO	
77	8077	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 42 MM & UP TO 64 MM	NO	
78	8078	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 64 MM AND UP TO 80 MM	NO	
79	8079	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 80 MM & UP TO 100 MM	NO	
80	8080	END CHAMF OF ABOVE NB 1000 & UP TO NB 1200 AND THK ABOVE 100 MM & UP TO 125 MM	NO	

OUTSOURCING

LIST OF RATE SCHEDULES FOR RC:2012-13 - PRICE FORMAT

[03] END CHAMFERING / SQUARECUT/ BOTH END OF - P91, P92- PIPES / FITTINGS / STUBS, MATCHING PIECE MACHINED OUT OF PIPE			
81	8081	END CHAMF OF P91 PIPES BELOW NB 150 - (P91 / P92)	NO
82	8082	END CHAMF FROM NB 150 & UP TO NB 300 AND THK UP TO 20 MM (P91 / P92)	NO
83	8083	END CHAMF FROM NB 150 & UP TO NB 300 AND THK ABOVE 20 MM & UPTO 28 MM (P91 / P92)	NO
84	8084	END CHAMF FROM NB150 & UP TO NB 300 AND THK ABOVE 28 MM & UPTO 42 MM (P91 / P92)	NO
85	8085	END CHAMF FROM NB 150 & UP TO NB 300 AND THK ABOVE 42 MM & UP TO 64 MM - (P91 /	NO
86	8086	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK UP TO 20 MM (P91 / P92)	NO
87	8087	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 20 MM & UP TO 28 MM (P91	NO
88	8088	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 28 MM & UP TO 42 MM - (P91	NO
89	8089	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 42 MM & UP TO 64 MM - (NO
90	8090	END CHAMF OF ABOVE NB 300 & UP TO NB 450 AND THK ABOVE 64 MM) - (P91 / P92)	NO
91	8091	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK UPTO 20 MM - (P91 / P92)	NO
92	8092	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 20 MM & UP TO 28 MM (P91 /	NO
93	8093	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 28 MM & UP TO 42 MM - (P91	NO
94	8094	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 42 MM & UPTO 64 MM - (P91	NO
95	8095	END CHAMF OF ABOVE NB 450 & UP TO NB 750 AND THK ABOVE 64 MM - (P91 / P92)	NO
96	8096	END CHAMF OF ABOVE NB 750 & UP TO NB 1200 AND THK UPTO 32 MM - (P91 / P92)	NO
97	8097	END CHAMF OF ABOVE NB 750 & AND UP TO NB 1200 AND THK ABOVE 32 MM AND UP TO 64	NO
98	8098	END CHAMF OF ABOVE NB 750 & UP TO NB 1200 AND THK ABOVE 64 MM - (P91 / P92)	NO
[04] FABRICATION OF PIPE WITH ATTACHMENTS - AS - IBR			
99	8099	FAB OF PIPE WITH ATTACHMENT : AS & IBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT	MT
100	8100	FAB OF PIPE WITH ATTACHMENT : AS & IBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT	MT
101	8101	FAB OF PIPE WITH ATTACHMENT : AS & IBR : MORE THAN 10 AND UP TO 15 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT	MT
[05] FABRICATION OF PIPE WITH ATTACHMENTS - CS - IBR			
102	8102	FAB OF PIPE WITH ATTACHMENT : CS & IBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT	MT
103	8103	FAB OF PIPE WITH ATTACHMENT : CS & IBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT	MT
104	8104	FAB OF PIPE WITH ATTACHMENT : CS & IBR : MORE THAN 10 AND UP TO 15 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT	MT
[06] FABRICATION OF PIPE WITH ATTACHMENTS - AS - NIBR			
105	8105	FAB OF PIPE WITH ATTACHMENT : AS & NIBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT /SLEEVE ARRANGEMENT	MT
106	8106	FAB OF PIPE WITH ATTACHMENT : AS & NIBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT /SLEEVE	MT
107	8107	FAB OF PIPE WITH ATTACHMENT : AS & NIBR : MORE THAN 10 AND UP TO 15 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT /SLEEVE	MT
[07] FABRICATION OF PIPE WITH ATTACHMENTS - CS - NIBR			
108	8108	FAB OF PIPE WITH ATTACHMENT : CS & NIBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT /SLEEVE ARRANGEMENT	MT
109	8109	FAB OF PIPE WITH ATTACHMENT : CS & NIBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT /SLEEVE	MT
110	8110	FAB OF PIPE WITH ATTACHMENT : CS & NIBR : MORE THAN 10 AND UP TO 15 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT,ETC. / SADDLE SUPPORT /SLEEVE	MT
111	8111	FAB OF MANHOLE ASSEMBLY - WITHOUT MAIN PIPE (INCL. M/C OF ALL FLANGES)	MT
112	8112	FAB OF MANHOLE ASSEMBLY - WITH MAIN PIPE (INCL. M/C OF ALL FLANGES)	MT
113	8113	FAB OF MANHOLE ASSEMBLY - WITH MAIN PIPE (PLATE FORMED) & (INCL. M/C OF ALL	MT
114	8114	FAB OF PIPE WITH ATTACHMENT AS/ CS /IBR / NIBR & WT UPTO 50 KG / SS PIPE WITH ATTACHEMENT / WELDED TEE FROM PIPE UPTO NB 200(MAIN PIPE) // SADDLE SUPPORT /SLEEVE ARRANGEMENT. NOTE : ALL ATTACHMENTS WILL BE SUPPLIED IN FINISHED	KG
[08] PUDDLE FLANGE MADE OUT OF PLATE			
115	8115	PUDDLE FLANGE (INCLUSIVE OF PLATE ROLLING,WELDING OF PAD PLATE AND FLANGE)	MT
[09] TARGET PLATE ASSEMBLY (TARGET PLATE FREE ISSUE IN FINISHED CONDITION)			
116	8116	TARGET PLATE ASSEMBLY	NO
[10] MITRE BENDS FROM PLATE / WELDED TEE (MAIN PIPE-SIZE) FROM PLATE / Y-PIECE FROM PLATE (WITHOUT AND WITH ATTACHMENT LIKE BOTTOM SUPPORT , FLANGE(FREE SUPPLY) AND STUB , ETC.)			
117	8117	FAB OF MITRE BEND / WELDED TEE / Y-PIECE FROM PLATE - NB UPTO NB 500 - NIBR	MT
118	8118	FAB OF MITRE BEND / WELDED TEE / Y-PIECE FROM PLATE - ABOVE NB 500 AND UP TO NB 900 - NIBR	MT
119	8119	FAB OF MITRE BEND / WELDED TEE / Y-PIECE FROM PLATE - ABOVE NB 900 - NIBR	MT
[11] MITRE BENDS FROM PIPE (WITH ATTACHMENT LIKE BOTTOM SUPPORT , FLANGE(FREE SUPPLY) AND STUB ,ETC.)			
120	8120	FAB OF MITRE BEND FROM PIPE UPTO NB 400	NO
121	8121	FAB OF MITRE BEND FROM PIPE ABOVE NB 400 - UPTO NB 900	NO
[12] MITRE BENDS FROM PIPE (WITHOUT ATTACHMENT)			
122	8122	FAB OF MITRE BEND FROM PIPE UPTO NB 400	NO
123	8123	FAB OF MITRE BEND FROM PIPE ABOVE NB 400 - UPTO NB 900	NO
[13] MITRE BENDS FROM PIPE (WITH AND WITHOUT ATTACHMENT)			
124	8124	FAB OF MITRE BEND FROM PIPE ABOVE NB 900	MT
[14] MITRE BENDS FROM PLATE - SS (WITH AND WITHOUT ATTACHMENT , INCLUSIVE OF PLASMA CUTTING AND PASSIVATION)			
125	8125	FAB OF MITRE BEND FROM PLATE BELOW NB 600	MT
126	8126	FAB OF MITRE BEND FROM PLATE FROM NB 600 - NB 900	MT
127	8127	FAB OF MITRE BEND FROM PLATE ABOVE NB 900 - NB1600	MT
[15] WELDED TEES FROM PIPE - IBR - CS & AS			
128	8128	FAB OF WELDED TEE FROM PIPE - CS & IBR - MAIN PIPE SIZE ABOVE NB 200 AND UPTO NB 400	NO
129	8129	FAB OF WELDED TEE FROM PIPE - CS & IBR - MAIN PIPE SIZE ABOVE NB 400 & UPTO NB 900	NO
130	8130	FAB OF WELDED TEE FROM PIPE - CS & IBR - MAIN PIPE SIZE ABOVE NB 900 & UPTO NB 4000	MT
131	8131	FAB OF WELDED TEE FROM PIPE - AS & IBR - MAIN PIPE SIZE ABOVE NB 200 AND UPTO NB	NO
132	8132	FAB OF WELDED TEE FROM PIPE - AS & IBR - MAIN PIPE SIZE ABOVE NB 400 & UPTO NB 900	NO
133	8133	FAB OF WELDED TEE FROM PIPE - AS & IBR - MAIN PIPE SIZE ABOVE NB 900 & UPTO NB 4000	MT
[16] WELDED TEES FROM PIPE - NIBR - CS & AS			

OUTSOURCING

LIST OF RATE SCHEDULES FOR RC:2012-13 - PRICE FORMAT

134	8134	FAB OF WELDED TEE FROM PIPE - CS & NIBR - MAIN PIPE SIZE ABOVE NB 200 AND UPTO NB 400	NO
135	8135	FAB OF WELDED TEE FROM PIPE - CS & NIBR - MAIN PIPE SIZE ABOVE NB 400 & UPTO NB 900	NO
136	8136	FAB OF WELDED TEE FROM PIPE - CS & NIBR - MAIN PIPE SIZE ABOVE NB 900 & UPTO NB 4000	MT
137	8137	FAB OF WELDED TEE FROM PIPE - AS & NIBR - MAIN PIPE SIZE ABOVE NB 200 AND UPTO NB 400	NO
138	8138	FAB OF WELDED TEE FROM PIPE - AS & NIBR - MAIN PIPE SIZE ABOVE NB 400 & UPTO NB 900	NO
139	8139	FAB OF WELDED TEE FROM PIPE - AS & NIBR - MAIN PIPE SIZE ABOVE NB 900 & UPTO NB 4000	MT
[17] PLATE FORMED ITEMS (INVOLVES ROLLING OF PLATES,LS WELDING & SQUARE CUT/EP)			
140	8140	FAB OF PLATE FORMED PIPES UP TO NB 500 - CS - IBR	MT
141	8141	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 -CS-IBR	MT
142	8142	FAB OF PLATE FORMED PIPES UP TO NB 500 - CS -NIBR	MT
143	8143	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 -CS-NIBR	MT
144	8144	FAB OF PLATE FORMED PIPES UP TO NB 500 - AS - IBR	MT
145	8145	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 -AS-IBR	MT
146	8146	FAB OF PLATE FORMED PIPES UP TO NB 500 - AS - NIBR	MT
147	8147	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 -AS-NIBR	MT
148	8148	FAB OF PLATE FORMED PIPES ABOVE NB 1200 & UP TO NB 4000 : CS & NIBR	MT
149	8149	FAB OF PLATE FORMED PIPES ABOVE NB 1200 & UP TO NB 4000 : AS & NIBR	MT
150	8150	FAB OF PLATE FORMED PIPES UP TO NB 500 WITH ATTACHMENTS - CS - IBR	MT
151	8151	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 WITH ATTACHMENTS - CS - IBR	MT
152	8152	FAB OF PLATE FORMED PIPES UP TO NB 500 WITH ATTACHMENTS - CS - NIBR	MT
153	8153	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 WITH ATTACHMENTS - CS -	MT
154	8154	FAB OF PLATE FORMED PIPES UP TO NB 500 WITH ATTACHMENTS - AS - IBR	MT
155	8155	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 WITH ATTACHMENTS - AS - IBR	MT
156	8156	FAB OF PLATE FORMED PIPES UP TO NB 500 WITH ATTACHMENTS - AS - NIBR	MT
157	8157	FAB OF PLATE FORMED PIPES ABOVE NB 500 & UP TO NB1200 WITH ATTACHMENTS - AS - NIBR	MT
158	8158	FAB OF PLATE FORMED PIPES ABOVE NB 1200 & UP TO NB 4000 WITH ATTACHMENTS - CS - NIBR	MT
159	8159	FAB OF PLATE FORMED PIPES ABOVE NB 1200 & UP TO NB 4000 WITH ATTACHMENTS - AS - NIBR	MT
160	8160	FAB OF PLATE FORMED REDUCERS UP TO 50 KG - AS / CS - NIBR	NO
161	8161	FAB OF PLATE FORMED REDUCERS ABOVE 50 KG AND UP TO 250 KG - AS / CS - NIBR	NO
162	8162	FAB OF PLATE FORMED REDUCERS ABOVE 250 KG - AS / CS - NIBR	MT
[18] ORIFICE PLATE			
163	8163	ORIFICE PLATE (SS) MADE OUT OF PLATE AND PLASMA CUTTING INCLUSIVE - IBR / NIBR	NO
164	8164	ORIFICE PLATE ASSEMBLY (SS) MADE OUT OF PIPE / ROD AND PLASMA CUTTING & MACHINING INCLUSIVE - IBR / NIBR	NO
165	8165	ORIFICE PLATE (AS/CS) MADE OUT OF PLATE INCLUSIVE OF WELDING IF APPLICABLE - NIBR	NO
166	8166	ORIFICE (AS/CS) MADE OUT OF ROD DIA UPTO 100 MM (NO WELDING INVOLVED) - NIBR	NO
167	8167	ORIFICE (AS/CS) MADE OUT OF ROD DIA MORE THAN 100 MM UPTO 200 MM (NO WELDING INVOLVED) - NIBR	NO
168	8168	ORIFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ ROD UPTO NB 150 -'D' STYLE / ROD AND PLASMA CUTTING, WELDING & MACHINING INCLUSIVE - NIBR	NO
169	8169	ORIFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ ROD > NB 150 AND UP TO NB 400 -'D' STYLE / ROD AND PLASMA CUTTING, WELDING & MACHINING INCLUSIVE - NIBR	NO
170	8170	ORIFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ ROD UPTO NB 150 -'P' STYLE / ROD AND PLASMA CUTTING, WELDING & MACHINING INCLUSIVE - NIBR	NO
171	8171	ORIFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ROD MORE THAN NB 150 AND UP TO NB 400 'P' STYLE / ROD AND PLASMA CUTTING, WELDING & MACHINING INCLUSIVE - NIBR	NO
172	8172	ORIFICE PLATE (AS/CS) MADE OUT OF PLATE INCLUSIVE OF WELDING IF APPLICABLE - IBR	NO
173	8173	ORIFICE (AS/CS) MADE OUT OF ROD DIA UPTO 100 MM (NO WELDING INVOLVED) - IBR	NO
174	8174	ORIFICE (AS/CS) MADE OUT OF ROD DIA MORE THAN 100 MM UPTO 200 MM (NO WELDING INVOLVED) - IBR	NO
175	8175	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'D' STYLE EP UPTO NB 150 MACHINING, WELDING AND PLASMA CUTTING INCLUSIVE - IBR	NO
176	8176	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'D' STYLE EP ABOVE NB 150 TO NB 400 MACHINING, WELDING AND PLASMA CUTTING INCLUSIVE - IBR	NO
177	8177	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'P' STYLE EP UPTO NB 150 MACHINING, WELDING AND PLASMA CUTTING INCLUSIVE - IBR	NO
178	8178	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'P' STYLE EP ABOVE NB 150 TO NB 400 MACHINING, WELDING AND PLASMA CUTTING INCLUSIVE - IBR	NO
179	8179	ORIFICE PLATE ASSEMBLY MADE OUT OF PIPE (SS) MACHINING, WELDING AND PLASMA CUTTING INCLUSIVE - IBR	NO
[19] CONDENSING LOOP ASSY / U TUBE ASSY(CS)			
180	8180	CONDENSING LOOP ASSY / U - TUBE (AS) / (CS)	NO
[20] GALVANISING, CHROMOTISING & THREADING			
181	8181	THREADING & GALVANISING OF PIPE & FITTING ITEMS	MT
182	8182	GALVANISING ONLY - ELECTRO	MT
183	8183	GALVANISING ONLY - HOT DIP	MT
184	8184	YELLOW CHROMOTISING ONLY	MT
[21] BENDING			
185	8185	BENDING OF PIPE(CS, AS) INCL OF EP -OD UPTO 60.3 & UP TO 12.5THK	NO
[22] PLASMA CUTTING			
186	8186	PLASMA CUTTING OF SS PLATE (RATE/MTR) THK UP TO 16 MM	M
187	8187	PLASMA CUTTING OF SS PLATE (RATE/MTR) THK ABOVE 16 MM AND UP TO 32 MM	M
188	8188	PLASMA CUTTING OF SS PLATE (RATE/MTR) THK ABOVE 32 MM	M
[23] ADDITIONAL BUTT JOINTS (AS / CS / SS)			
189	8189	ADDITIONAL BUTT JOINT FOR PLATE THK UP TO 14 MM : CS / AS	M
190	8190	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 14MM & UP TO 32 MM : CS / AS	M
191	8191	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 32MM & UP TO 64 MM : CS / AS	M

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LIST OF RATE SCHEDULES FOR RC:2012-13 - PRICE FORMAT

192	8192	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 64 MM CS / AS	M
193	8193	ADDITIONAL BUTT JOINT FOR PLATE THK UP TO 14 MM - SS	M
194	8194	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 14MM & UP TO 32 MM - SS	M
195	8195	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 32MM & UP TO 64 MM - SS	M
196	8196	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 64 MM SS	M
[24] PIPE BUTT JOINTS (AS / CS)			
197	8197	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA UP TO NB 100 AND THK UP TO 14.27 MM	M
198	8198	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA UP TO NB 100 AND THK ABOVE 14.27 MM	M
199	8199	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 100 & UP TO NB 350 AND THK UP TO 14.27 MM	NO
200	8200	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 100 & UP TO NB 350 AND THK ABOVE 14.27 MM & UP TO 28 MM	NO
201	8201	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 100 & UP TO NB 350 AND THK ABOVE 28 MM	NO
202	8202	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 350 & UP TO NB 600 AND THK UP TO 14.27 MM	NO
203	8203	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 350 & UP TO NB 600 AND THK ABOVE 14.27 MM & UP TO 28 MM	NO
204	8204	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 350 AND UPTO NB 600 - THK ABOVE 28 MM	NO
205	8205	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 600 & UP TO NB1000 AND THK UP TO 14.27 MM	NO
206	8206	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 600 & UP TO NB1000 AND THK ABOVE 14.27 MM AND UP TO 28 MM	NO
207	8207	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 600 & UP TO NB1000 AND THK ABOVE 28 MM	NO
208	8208	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 1000 & UP TO NB 2400 AND THK UP TO 14.27 MM	NO
209	8209	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 1000 & UP TO NB 2400 AND THK ABOVE 14.27 MM & UP TO 28 MM	NO
210	8210	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 1000 & UP TO NB 2400 AND THK ABOVE 28 MM	NO
211	8211	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 2400 & UP TO NB 4000 AND THK UP TO 14.27 MM	NO
212	8212	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 2400 & UP TO NB 4000 AND THK ABOVE 14.27 MM & UP TO 28 MM	NO
213	8213	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE NB 2400 & UP TO NB 4000 AND THK ABOVE 28 MM	NO
[25] HEAT TREATMENT			
214	8214	CHARGES FOR HEAT TREATMENT	MT
[26] BUNDLING & STENCILLING			
215	8215	BUNDLING & W/O STENCILLING-GI & SS PIPES & HANDLING CHARGES & STRAIGHTENING OF STRUCTURALS & PIPES & PLATES	MT
[27] TANKS, VESSELS & DISHED ENDS			
216	8216	FAB OF TANKS & VESSELS (INCL.FAB OF INTERNALS) INCLUDING ACCESSORIES - IBR	MT
217	8217	FAB OF TANKS & VESSELS (INCL. FAB OF INTERNALS) INCLUDING ACCESSORIES -NIBR	MT
218	8218	FABRICATION OF DEAERATOR WITH SS TRAYS - IBR / NIBR	MT
219	8219	FEED WATER STORAGE TANK - IBR / NIBR	MT
220	8220	SEAL POT ASSEMBLY / NAOH BREATHER ASSEMBLY	MT
221	8221	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - UP TO NB 2000	MT
222	8222	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - ABOVE NB 2000 AND UP TO NB 3000	MT
223	8223	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - ABOVE NB 3000	MT
[28] AS / CS CLAMPS			
224	8224	AS / CS CLAMP ASSY WT UPTO 10 KG	NO
225	8225	AS / CS CLAMP ASSY WT GREATER THAN 10KG & UPTO 25 KG	NO
226	8226	AS / CS CLAMP ASSY WT GREATER THAN 25 & UPTO 50KG	NO
227	8227	AS / CS CLAMP ASSY WT GREATER THAN 50 & UPTO 100KG	NO
228	8228	AS / CS CLAMP ASSY WELDTYPE WT ABOVE 100 KG	MT
229	8229	TRUNNION CLAMP	MT
[29] RIGID STRUT (INCLUSIVE OF ALL MACHINING , GALVANISING & SPECIAL PAINTING)			
230	8230	FAB OF RIGID STRUT WEIGHT UPTO 30 KG	MT
231	8231	FAB OF RIGID STRUT WEIGHT GREATER THAN 30 KG TO 70 KG	MT
232	8232	FAB OF RIGID STRUT WEIGHT ABOVE 70 KG	MT
[30] WELDED BEAM & WELDED BOX			
233	8233	FAB OF AUTO WELDED BEAMS (INCLUDING SPLICING/ MPI / LPI)	MT
234	8234	FAB OF WELDED BOX (INCLUDING SPLICING / MPI / LPI)	MT
[31] CUT TO SIZE			
235	8235	CARRIER PLATE/ LUG PLATE / SLOTTED HOLE PLATE / TOP PLATE / SPACER PLATE	NO
236	8236	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING UP TO 5 KG	MT
237	8237	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 5 KG & UP TO 10 KG	MT
238	8238	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 10 KG & UP TO 25 KG	MT
239	8239	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 25 KG & UP TO 50 KG	MT
240	8240	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 50 KG & UP TO 100 KG	MT
241	8241	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 100 KG & UP TO 250 KG	MT
242	8242	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 250 KG	MT
[32] MATERIAL COST			
243	8243	SS MATERIAL COST (ROUND PLATE & PIPE)	KG
[33] MACHINING ITEMS / PART PROCESSING FOR SHOP ASSEMBLIES			

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244	8244	FOUNDATION BOLT	NO
245	8245	SCREW PLUG AS/CS FOR IBR APPLICATION FROM ROD DIA UP TO 50 MM.	NO
246	8246	SCREW PLUG AS/CS FOR IBR APPLICATION FROM ROD DIA. ABOVE 50 MM AND UP TO DIA 100 MM.	NO
247	8247	SLEEVE / SLEEVE PIPE TO BE MACHINED FROM PIPE UP TO DIA 168.3 OR UP TO ROD DIA 100 MM	NO
248	8248	SLEEVE / SLEEVE PIPE TO BE MACHINED FROM PIPE ABOVE DIA 168.3 AND UP TO NB 250 / ABOVE ROD DIA 100 MM AND UP TO 250 MM	NO
249	8249	SLEEVE PIPE / SLEEVE PIPE ASSEMBLY (WELDED ASSY) UP TO NB 150	NO
250	8250	SLEEVE PIPE / SLEEVE PIPE ASSEMBLY (WELDED ASSY) FROM ABOVE NB 150 AND UP TO NB 250	NO
251	8251	MACHINING OF FLANGES / FLAT END CLOSURE UPTO NB50 , COUPLINGS / ADOPTERS / REDUCERS FROM ROUND UPTO 80MM/ NIPPLES / TAIL PIPE / RG PLUG - NIBR	NO
252	8252	MACHINING OF FLANGES FROM NB 65 UP TO 200 - NIBR	NO
253	8253	MACHINING OF FLANGES ABOVE NB 200 UP TO NB 400 - NIBR	NO
254	8254	MACHINING OF FLANGES ABOVE NB 400 UP TO NB 800 - NIBR	NO
255	8255	MACHINING OF FLANGES ABOVE NB 800 AND UP TO NB 1000 - NIBR	NO
256	8256	MACHINING OF FLANGES / FLAT END CLOSURE UPTO NB50 , COUPLINGS / ADOPTERS / REDUCERS FROM ROUND UPTO 80MM/ NIPPLES / TAIL PIPE / RG PLUG - IBR	NO
257	8257	MACHINING OF FLANGES FROM NB 65 UP TO 200 - IBR	NO
258	8258	MACHINING OF FLANGES ABOVE NB 200 UP TO NB 400 - IBR	NO
259	8259	MACHINING OF FLANGES ABOVE NB 400 UP TO NB 800 - IBR	NO
260	8260	MACHINING OF FLANGES ABOVE NB 800 AND UP TO NB 1000 - IBR	NO
261	8261	FABRICATION AND MACHINING OF SEGMENTAL FLANGES ABOVE NB 1000 - NB 2000 - NIBR	NO
262	8262	FABRICATION AND MACHINING OF SEGMENTAL FLANGES ABOVE NB 2000 UP TO NB 4000 - NIBR	NO
263	8263	MACHINING OF FLAT END CLOSURE FROM NB 65 UP TO NB 250 - NIBR	NO
264	8264	MACHINING OF FLAT END CLOSURE ABOVE NB 250 UP TO NB 450 - NIBR	NO
265	8265	MACHINING OF FLAT END CLOSURE ABOVE NB 450 UP TO NB 800 - NIBR	NO
266	8266	MACHINING OF FLAT END CLOSURE ABOVE NB 800 AND UP TO NB 1000 - NIBR	NO
267	8267	MACHINING OF FLAT END CLOSURE FROM NB 65 UP TO NB 250 - IBR	NO
268	8268	MACHINING OF FLAT END CLOSURE ABOVE NB 250 UP TO NB 450 - IBR	NO
269	8269	MACHINING OF FLAT END CLOSURE ABOVE NB 450 UP TO NB 800 - IBR	NO
270	8270	MACHINING OF FLAT END CLOSURE ABOVE NB 800 AND UP TP NB 1000 - IBR	NO
271	8271	MATCHING PIECE FROM FORGINGS - (F91)	NO
272	8272	MATCHING PIECE FROM FORGINGS - AS / CS - NIBR	NO
273	8273	MATCHING PIECE FROM FORGINGS - AS / CS - IBR	NO
274	8274	TRUNINION UPTO NB 200 & UPTO THK 25 MM (P91 / P92)	NO
275	8275	TRUNINION UPTO NB 200 & THK MORE THAN 25 MM (P91 / P92)	NO
276	8276	TRUNINION ABOVE NB 200 & UPTO NB 300 THK UPTO 31 MM (P91 / P92)	NO
277	8277	TRUNINION ABOVE NB 200 & UPTO NB 400 THK MORE THAN 31 MM (P91 / P92)	NO
278	8278	TRUNINION UPTO NB 200 & UPTO THK 27.5 MM (CS / AS)	NO
279	8279	TRUNINION UPTO NB 200 & THK MORE THAN 27.5 MM (CS / AS)	NO
280	8280	TRUNINION ABOVE NB 200 & UPTO NB 400 THK UPTO 45 MM (CS / AS)	NO
281	8281	TRUNINION ABOVE NB 200 & UPTO NB 400 THK MORE THAN 45 MM (CS / AS)	NO
282	8282	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF ROD UPTO DIA 80, LENGTH = MORE THAN 240 MM - IBR / NIBR	NO
283	8283	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF ROD MORE THAN DIA 80, LENGTH = MORE THAN 240 MM - IBR / NIBR	NO
284	8284	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF PIPE UPTO NB 50 - IBR / NIBR	NO
285	8285	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF PIPE MORE THAN NB 50 - IBR / NIBR	NO
286	8286	STUB MADEOUT OF ROD DIA UPTO 80 (P91 / P92)	NO
287	8287	STUB MADEOUT OF ROD DIA ABOVE 80 UPTO 140 (P91 / P92)	NO
288	8288	STUB MADEOUT OF ROD DIA ABOVE 140 UPTO 200 (P91 / P92)	NO
289	8289	STUB MADEOUT OF ROD DIA ABOVE 200 (P91 / P92)	NO
290	8290	STUB / METAL TEMP STUB MADEOUT OF ROD DIA UPTO 80 (CS/AS)	NO
291	8291	STUB / METAL TEMP STUB MADEOUT OF ROD DIA ABOVE 80 UPTO 140 (CS/AS)	NO
292	8292	STUB / METAL TEMP STUB MADEOUT OF ROD DIA ABOVE 140 UPTO 200 (CS/AS)	NO
293	8293	STUB / METAL TEMP STUB MADEOUT OF ROD DIA ABOVE 200 (CS/AS)	NO
294	8294	ADOPTER WITH STUB / TEMP STUB WITH REDUCER ON BOTH ENDS.	MT
295	8295	STUD UP TO M42	NO
296	8296	STUD MORE THAN M42 AND UP TO M56	NO
297	8297	STUD MORE THAN M56 AND UP TO M72	NO
298	8298	STUD MORE THAN M72	NO
299	8299	CARRIER PLATE - MACHINED OUT OF PIPE NB 400 & THK 38MM (CUTTING BY BANDSAW ONLY) - P91 / P92.	NO
300	8300	CARRIER PLATE - MACHINED OUT OF PIPE NB 500 -NB 550 & THK 54 MM (CUTTING BY BANDSAW ONLY) - P91 / P92.	NO
[34] TIE ROD - R H THREAD ON BOTH SIDE , LH ON ONE SIDE AND RH ON OTHER SIDE WITH GALVANISING TO THK 15 MICRONS AND YELLOW CHROMATISING.			
301	8301	UP TO M20 AND LENGTH UP TO 1500 MM	MT
302	8302	UPTO M20 AND LENGTH ABOVE 1500 MM	MT
303	8303	GREATER THAN M20 AND UP TO M36 AND LENGTH UPTO 1500 MM	MT
304	8304	GREATER THAN M20 AND UP TO M36 AND LENGTH > 1500 MM	MT
305	8305	GREATER THAN M36 AND UP TO M56 AND LENGTH UPTO 1500 MM	MT
306	8306	GREATER THAN M36 AND UP TO M56 AND LENGTH > 1500 MM	MT
307	8307	GREATER THAN M56 AND LENGTH UP TO 1500 MM	MT
308	8308	GREATER THAN M56 AND LENGTH > 1500 MM	MT
[35] TIE ROD - FULLY THREADED WITH GALVANISING TO THK 15 MICRONS AND YELLOW CHROMATISING.			
309	8309	UP TO M20 AND LENGTH UP TO 3000 MM	MT
310	8310	GREATER THAN M20 AND UP TO M42 AND LENGTH UPTO 3000 MM	MT
311	8311	GREATER THAN M42 AND UP TO M64 AND LENGTH UPTO 1800 MM	MT
312	8312	GREATER THAN M42 AND UP TO M64 AND LENGTH ABOVE 1800 MM AND UP TO 3000 MM	MT
313	8313	GREATER THAN M64 AND LENGTH UP TO 1800 MM	MT
314	8314	GREATER THAN M64 AND LENGTH ABOVE 1800 MM AND UP TO 3000 MM	MT
[36] MISCELLANEOUS FABRICATIONS			

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315	8315	HANDLING CHARGES PAYABLE EXTRA FOR PIPE OF WALL THK ABOVE 28 MM AND LENGTH ABOVE 2 MTR FOR CS / AS / P91 / P92, IBR / NIBR WHERE PIPE 'EP' IS TO BE DONE [APPLICABLE ONLY FOR RATE SCHEDULE NO. 8001 TO 8098] - NOT APPLICABLE FOR PIPE WITH ATTACHMENTS.	NO
316	8316	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT UP TO 10 KG / PIECE	KG
317	8317	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT MORE THAN 10 KG / PIECE UP TO 25 KG / PIECE	KG
318	8318	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT MORE THAN 25 KG / PIECE UP TO 50 KG / PIECE	KG
319	8319	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT MORE THAN 50 KG / PIECE UP TO 100 KG / PIECE	KG
320	8320	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT MORE THAN 100 KG / PIECE	KG
[37] PAINTING CATEGORY			
321	8321	BLAST CLEANING SA 2 1/2	SQM
322	8322	REDOXIDE ZINC PHOSPHATE PRIMER(ALKYD BASE) TO IS 12744 BY /BRUSH / SPRAY - 30 MIC	SQM
323	8323	SYNTHETIC ENAMEL LONG OIL ALKYD TO IS 2932 (LATEST) BY BRUSH / SPRAY - 20 MIC	SQM
324	8324	HEAT RESISTANCE ALUMINIUM PAINT TO IS 13183 GR I / GR II - 20 MIC	SQM
325	8325	ALIPHATIC ACRYLIC POLYURETHANE PAINT TO IS 13213 (LATEST) - 30 MIC	SQM
326	8326	EPOXY POLYAMIDE CURED FINISH PAINT TO IS 14209 - 50 MIC	SQM
327	8327	EPOXY BASED RED OXIDE ZINC PHOSPHATE PRIMER - 50 MIC / High Build Chlorinated Rubber Based Zinc Phosphate Primer - 50 Mic.	SQM
328	8328	INORGANIC ETHYLZINC SILICATE PRIMER TO IS 14946 - 50 MIC / Epoxy Based Zinc Rich Primer To IS 14589 Grade II - 50 Mic / Two Component Polyamide-Cured Zinc Rich Epoxy Primer(Zinc Content 80% W/W) - 50 Mic	SQM
329	8329	HB EPOXY BASED MIO INTERMEDIATE PAINT TO IS14209 - 50 MIC / Epoxy Based Tio2 Pigmented Intermediate Coat Per Coat - 50 Mic / Two Component High Build Epoxy Polyamide Mio Coating 50 Mic	SQM
330	8330	CHLORINATED RUBBER BASED FINISH PAINT TO SMOKE GREY - 30MIC	SQM
331	8331	COAL TAR EPOXY COATING FINISH - 100 MIC	SQM
332	8332	COAL TAR EPOXY PRIMER - 50 MIC	SQM
333	8333	HEAT RESISTANCE SILICON COATING 20 MIC	SQM
PIPE SCARP RATE			
334	8334	PIPE SCARP RATE [CS/AS/P91/P92]	MT
TRANSPORTATION CHARGES FOR RC 2012-2013			
FOR TRICHY PLANT [RAW MATERIAL COLLECTION CHARGES : 40% + DELIVERY OF FINISHED GOODS TO TRICHY PLANT : 60%]			
	SLNO	LOCATION OF FIRMS	RATE
	1	UNITS IN AND AROUND TIRUCHY UNIT (0-30 KMS)	
	2	UNITS FALLING IN 31-60 KMS FROM TRICHY UNIT	
	3	UNITS FALLING IN 151-250KMS FROM TRICHY UNIT	
	4	UNITS FALLING IN 251-400KMS FROM TRICHY UNIT	
FOR THIRUMAYAM [RAW MATERIAL COLLECTION CHARGES : 40% + DELIVERY OF FINISHED GOODS TO TRICHY PLANT : 60%]			
	SLNO	LOCATION OF FIRMS	RATE
	1	UNITS IN AND AROUND THIRUMAYAM UNIT (0-30 KMS)	
	2	UNITS FALLING IN 31-60 KMS FROM THIRUMAYAM UNIT	
	3	UNITS FALLING IN 151-250KMS FROM THIRUMAYAM UNIT	
	4	UNITS FALLING IN 251-400KMS FROM THIRUMAYAM UNIT	