

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
SCHEDULE-1 -NIBR EP & ATTACHMENT OF PIPE OTHER THAN P91/P92					
[1.1] END CHAMFERING / SQUARECUT/ BOTH END OF - CS / AS / SS / PIPES / FITTINGS / STUBS, MATCHING PIECE MACHINED OUT OF PIPE (OTHER THAN P91 & P92 SPECIFICATION) - NON- IBR - (For details of work kindly refer scope of work clause-1.1)					
1	EP-NONIBR	8001	END CHAMF OF UP TO OD 65 MM AND UP TO THK 14.27 MM	NO	
2	EP-NONIBR	8002	END CHAMF OF ABOVE 65 MM UP TO OD 115 MM AND UP TO THK 14.27 MM	NO	
3	EP-NONIBR	8003	END CHAMF OF UP TO OD 115 MM AND THK ABOVE 14.27 MM	NO	
4	EP-NONIBR	8004	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM - THK UP TO 14.27 MM	NO	
5	EP-NONIBR	8005	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
6	EP-NONIBR	8006	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK ABOVE 20 MM & UP TO 28 MM	NO	
7	EP-NONIBR	8007	END CHAMF OF ABOVE OD115 MM & UP TO OD 325 MM AND THK- ABOVE 28 MM & UP TO 42 MM	NO	
8	EP-NONIBR	8008	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK- ABOVE 42 MM & UP TO 64 MM	NO	
9	EP-NONIBR	8009	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
10	EP-NONIBR	8010	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK UP TO 14.27 MM	NO	
11	EP-NONIBR	8011	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
12	EP-NONIBR	8012	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK- ABOVE 20 MM & UP TO 28 MM	NO	
13	EP-NONIBR	8013	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	
14	EP-NONIBR	8014	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
15	EP-NONIBR	8015	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
16	EP-NONIBR	8016	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
17	EP-NONIBR	8017	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 115 MM AND UP TO 125 MM	NO	
18	EP-NONIBR	8018	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK- UP TO 14.27 MM	NO	
19	EP-NONIBR	8019	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
20	EP-NONIBR	8020	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 20 MM & UP TO 28 MM	NO	
21	EP-NONIBR	8021	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	

BHEL :: PIPING CENTRE :: CHENNAI - 600017
 OUTSOURCING
 LIST OF RATE SCHEDULES FOR RC:2015-16
 ANNEXURE-B

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
22	EP-NONIBR	8022	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
23	EP-NONIBR	8023	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
24	EP-NONIBR	8024	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
25	EP-NONIBR	8025	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 115 MM & UP TO 125 MM	NO	
26	EP-NONIBR	8026	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK UP TO 14.27 MM	NO	
27	EP-NONIBR	8027	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
28	EP-NONIBR	8028	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 20 MM & UP TO 28 MM	NO	
29	EP-NONIBR	8029	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	
30	EP-NONIBR	8030	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
31	EP-NONIBR	8031	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
32	EP-NONIBR	8032	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
33	EP-NONIBR	8033	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 115 MM & UP TO 125 MM	NO	
34	EP-NONIBR	8034	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK UP TO 14.27 MM.	NO	
35	EP-NONIBR	8035	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 14.27 & UP TO 20 MM.	NO	
36	EP-NONIBR	8036	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 20 MM & UP TO 28 MM.	NO	
37	EP-NONIBR	8037	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	
38	EP-NONIBR	8038	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
39	EP-NONIBR	8039	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 64 MM. AND UP TO 80 MM	NO	
40	EP-NONIBR	8040	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
41	EP-NONIBR	8041	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 115 MM & UP TO 125 MM	NO	
[1.2] FABRICATION OF PIPE WITH ATTACHMENTS (FOR UNIT WEIGHT MORE THAN 50 KG)					
)- AS - NIBR - (For details of work kindly refer scope of work clause-1.2)					
42	ATT-NIBR	8042	FAB OF PIPE WITH ATTACHMENT : AS & NIBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC. / SADDLE SUPPORT /SLEEVE ARRANGEMENT	MT	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
43	ATT-NIBR	8043	FAB OF PIPE WITH ATTACHMENT : AS & NIBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
44	ATT-NIBR	8044	FAB OF PIPE WITH ATTACHMENT : AS & NIBR : MORE THAN 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
[1.3] FABRICATION OF PIPE WITH ATTACHMENTS (FOR UNIT WEIGHT MORE THAN 50 KG) - CS - NIBR - (For details of work kindly refer scope of work clause-1.3)					
45	ATT-NIBR	8045	FAB OF PIPE WITH ATTACHMENT : CS & NIBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.) / SADDLE SUPPORT /SLEEVE ARRANGEMENT , PUDDLE FLANGE FROM PIPE	MT	
46	ATT-NIBR	8046	FAB OF PIPE WITH ATTACHMENT : CS & NIBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.)	MT	
47	ATT-NIBR	8047	FAB OF PIPE WITH ATTACHMENT : CS & NIBR : MORE THAN 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (ASSEMBLY),ETC.)	MT	
[1.4] ATTACHMENTS (FOR UNIT WEIGHT UP TO 50 KG) - AS/CS /SS- IBR/ NIBR - (For details of work kindly refer scope of work clause-1.4)					
48	ATT-NIBR	8048	FAB OF PIPE WITH ATTACHMENT AS/ CS /IBR / NIBR & WT UPTO 50 KG / SS PIPE/SS FLANGE WITH ATTACHEMENT / WELDED TEE FROM PIPE UPTO OD 220(MAIN PIPE) / SADDLE SUPPORT /SLEEVE ARRANGEMENT. NOTE : ONLY FLANGES WILL BE SUPPLIED IN FINISHED CONDITION.	KG	
[1.5] WELDED TEES FROM PIPE - NIBR - CS & AS - (For details of work kindly refer scope of work clause-					
49	ATT-NIBR	8049	FAB OF WELDED TEE FROM PIPE - CS & NIBR - MAIN PIPE SIZE ABOVE OD 220 MM AND UPTO OD 410 MM	NO	
50	ATT-NIBR	8050	FAB OF WELDED TEE FROM PIPE - CS & NIBR - MAIN PIPE SIZE ABOVE OD 410 MM & UPTO OD 915 MM	MT	
51	ATT-NIBR	8051	FAB OF WELDED TEE FROM PIPE - CS & NIBR - MAIN PIPE SIZE ABOVE OD 915 MM & UPTO OD 4100 MM	MT	
52	ATT-NIBR	8052	FAB OF WELDED TEE FROM PIPE AS & NIBR - MAIN PIPE SIZE ABOVE OD 220 MM AND UPTO OD 410 MM	NO	
53	ATT-NIBR	8053	FAB OF WELDED TEE FROM PIPE AS & NIBR - MAIN PIPE SIZE ABOVE OD 410 MM & UPTO OD 915 MM	NO	
54	ATT-NIBR	8054	FAB OF WELDED TEE FROM PIPE - AS & NIBR - MAIN PIPE SIZE ABOVE OD 915 MM & UPTO OD 4100 MM	MT	
[1.6] MITRE BENDS FROM PIPE (WITH ATTACHMENT LIKE BOTTOM SUPPORT , FLANGE(FREE SUPPLY) AND STUB ,ETC..) - (For details of work kindly refer scope of work clause-1.6)					
55	ATT-NIBR	8055	FAB OF MITRE BEND FROM PIPE UPTO OD 410 MM	NO	
56	ATT-NIBR	8056	FAB OF MITRE BEND FROM PIPE ABOVE OD 410 MM - UPTO OD 915 MM	MT	
[1.7] MITRE BENDS FROM PIPE (WITHOUT ATTACHMENT) - (For details of work kindly refer scope of work clause-1.7)					

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
57	ATT-NIBR	8057	FAB OF MITRE BEND FROM PIPE UPTO OD 410 MM	NO	
58	ATT-NIBR	8058	FAB OF MITRE BEND FROM PIPE ABOVE OD 410 MM - UPTO OD 915 MM	MT	
[1.8] MITRE BENDS FROM PIPE (WITH AND WITHOUT ATTACHMENT) - (For details of work kindly refer scope of work clause-1.1)					
59	ATT-NIBR	8059	FAB OF MITRE BEND FROM PIPE ABOVE OD 915 MM	MT	
[1.9] CUT TO SIZE - (For details of work kindly refer scope of work clause-1.9)					
60	CTS	8060	CARRIER PLATE/ PAD PLATE UP TO 100 KG / LUG PLATE / SLOTTED HOLE PLATE / TOP PLATE / SPACER PLATE	NO	
61	CTS	8061	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING UP TO 5 KG	MT	
62	CTS	8062	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 5 KG & UP TO 10 KG	MT	
63	CTS	8063	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 10 KG & UP TO 25 KG	MT	
64	CTS	8064	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 25 KG & UP TO 50 KG	MT	
65	CTS	8065	CUT TO SIZE OF PLATE / SHEET / BLANK DU PER PIECE WEIGHING ABOVE 50 KG & UP TO 100 KG	MT	
66	CTS	8066	CUT TO SIZE OF PLATE / PAD PLATE/ SHEET / BLANK DU PER PIECE WEIGHING ABOVE 100 KG & UP TO 250 KG	MT	
67	CTS	8067	CUT TO SIZE OF PLATE / PAD PLATE /SHEET / BLANK DU PER PIECE WEIGHING ABOVE 250 KG	MT	
[1.10] BUNDLING & STENCILLING OF BOILERS COMPONENTS - (For details of work kindly refer scope of work clause-1.10)					
68	PTG	8068	BUNDLING & WO STENCILLING-GI &SS PIPES & HANDLING CHARGES & STRAIGHTENING OF STRUCTURALS & PIPES & PLATES	MT	
[1.11] CONDENSING LOOP ASSY / U TUBE ASSY(CS / AS) - (For details of work kindly refer scope of work clause-1.1)					
69	ATT-NIBR	8069	CONDENSING LOOP ASSY / U - TUBE (AS) / (CS)	NO	
SCHEDULE-2- IBR - EP & ATTACHMENT OF PIPE					
[2.1] END CHAMFERING / SQUARECUT/ BOTH END OF - CS /AS / SS - PIPES / FITTINGS / STUBS, MATCHING PIECE MACHINED OUT OF PIPE (OTHER THAN P91 & P92 SPECIFICATION) - IBR - (For details of work kindly refer scope of work clause-2.1)					
70	EP-IBR	8070	END CHAMF OF UP TO OD 65 MM AND UP TO THK 14.27 MM	NO	
71	EP-IBR	8071	END CHAMF OF ABOVE 65 MM UP TO OD 115 MM AND UP TO THK 14.27 MM	NO	

BHEL :: PIPING CENTRE :: CHENNAI - 600017
 OUTSOURCING
 LIST OF RATE SCHEDULES FOR RC:2015-16
 ANNEXURE-B

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
72	EP-IBR	8072	END CHAMF OF UP TO OD 115 MM AND THK ABOVE 14.27 MM	NO	
73	EP-IBR	8073	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM - THK UP TO 14.27 MM	NO	
74	EP-IBR	8074	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
75	EP-IBR	8075	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK ABOVE 20 MM & UP TO 28 MM	NO	
76	EP-IBR	8076	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK- ABOVE 28 MM & UP TO 42 MM	NO	
77	EP-IBR	8077	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK- ABOVE 42 MM & UP TO 64 MM	NO	
78	EP-IBR	8078	END CHAMF OF ABOVE OD 115 MM & UP TO OD 325 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
79	EP-IBR	8079	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK UP TO 14.27 MM	NO	
80	EP-IBR	8080	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
81	EP-IBR	8081	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK- ABOVE 20 MM & UP TO 28 MM	NO	
82	EP-IBR	8082	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	
83	EP-IBR	8083	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
84	EP-IBR	8084	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
85	EP-IBR	8085	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
86	EP-IBR	8086	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 115 MM AND UP TO 125 MM	NO	
87	EP-IBR	8087	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK- UP TO 14.27 MM	NO	
88	EP-IBR	8088	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
89	EP-IBR	8089	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 20 MM & UP TO 28 MM	NO	
90	EP-IBR	8090	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	
91	EP-IBR	8091	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
92	EP-IBR	8092	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
93	EP-IBR	8093	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
94	EP-IBR	8094	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 115 MM & UP TO 125 MM	NO	

BHEL :: PIPING CENTRE :: CHENNAI - 600017
 OUTSOURCING
 LIST OF RATE SCHEDULES FOR RC:2015-16
 ANNEXURE-B

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
95	EP-IBR	8095	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK UP TO 14.27 MM	NO	
96	EP-IBR	8096	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 14.27 MM & UP TO 20 MM	NO	
97	EP-IBR	8097	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 20 MM & UP TO 28 MM	NO	
98	EP-IBR	8098	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	
99	EP-IBR	8099	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
100	EP-IBR	8100	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 64 MM & UP TO 80 MM	NO	
101	EP-IBR	8101	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
102	EP-IBR	8102	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1170 MM AND THK ABOVE 115 MM & UP TO 125 MM	NO	
103	EP-IBR	8103	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK UP TO 14.27 MM.	NO	
104	EP-IBR	8104	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 14.27 & UP TO 20 MM.	NO	
105	EP-IBR	8105	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 20 MM & UP TO 28 MM.	NO	
106	EP-IBR	8106	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 28 MM & UP TO 42 MM	NO	
107	EP-IBR	8107	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 42 MM & UP TO 64 MM	NO	
108	EP-IBR	8108	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 64 MM. AND UP TO 80 MM	NO	
109	EP-IBR	8109	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 80 MM & UP TO 115 MM	NO	
110	EP-IBR	8110	END CHAMF OF ABOVE OD 1170 MM & UP TO OD 1220 MM AND THK ABOVE 115 MM & UP TO 125 MM	NO	
[2.2] FABRICATION OF PIPE WITH ATTACHMENTS (FOR UNIT WEIGHT MORE THAN 50 KG) - AS - IBR - (For details of work kindly refer scope of work clause-2.2)					
111	ATT-IBR	8111	FAB OF PIPE WITH ATTACHMENT : AS & IBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
112	ATT-IBR	8112	FAB OF PIPE WITH ATTACHMENT : AS & IBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
113	ATT-IBR	8113	FAB OF PIPE WITH ATTACHMENT : AS & IBR : MORE THAN 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
[2.3] FABRICATION OF PIPE WITH ATTACHMENTS (FOR UNIT WEIGHT MORE THAN 50 KG) - CS - IBR - (For details of work kindly refer scope of work clause-2.3)					

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
114	ATT-IBR	8114	FAB OF PIPE WITH ATTACHMENT : CS & IBR : UP TO 5 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
115	ATT-IBR	8115	FAB OF PIPE WITH ATTACHMENT : CS & IBR : MORE THAN 5 AND UP TO 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
116	ATT-IBR	8116	FAB OF PIPE WITH ATTACHMENT : CS & IBR : MORE THAN 10 ATTACHMENTS LIKE STUBS,CARRIER PLATE,FLANGE,BOTTOM SUPPORT (SUB ASSEMBLY),ETC.	MT	
[2.4] WELDED TEES FROM PIPE - IBR - CS & AS - (For details of work kindly refer scope of work clause-2.4					
117	ATT-IBR	8117	FAB OF WELDED TEE FROM PIPE - CS & IBR - MAIN PIPE SIZE ABOVE OD 220 MM AND UPTO OD 410 MM	NO	
118	ATT-IBR	8118	FAB OF WELDED TEE FROM PIPE - CS & IBR - MAIN PIPE SIZE ABOVE OD 410 MM & UPTO OD 915 MM	NO	
119	ATT-IBR	8119	FAB OF WELDED TEE FROM PIPE - CS & IBR - MAIN PIPE SIZE ABOVE OD 915 MM & UPTO OD 4100 MM	MT	
120	ATT-IBR	8120	FAB OF WELDED TEE FROM PIPE - AS & IBR - MAIN PIPE SIZE ABOVE OD 220 MM AND UPTO OD 410 MM	NO	
121	ATT-IBR	8121	FAB OF WELDED TEE FROM PIPE - AS & IBR - MAIN PIPE SIZE ABOVE OD 410 MM & UPTO OD 915 MM	NO	
122	ATT-IBR	8122	FAB OF WELDED TEE FROM PIPE - AS & IBR - MAIN PIPE SIZE ABOVE OD 915 MM & UPTO OD 4100 MM	MT	
SCHEDULE-3- P91/ P92 PIPE EP & MACHINING OF P91/P92 COMPONENTS					
[3.1] END CHAMFERING / SQUARECUT/ BOTH END OF - P91, P92- PIPES / FITTINGS / STUBS, MATCHING PIECE MACHINED OUT OF PIPE - (For details of work kindly refer scope of work clause-3.1)					
123	EP-P91	8123	SQUARECUT OF P91/ P92 SPARE PIPE UP TO OD 460 MM	NO	
124	EP-P91	8124	SQUARECUT OF P91/ P92 SPARE PIPE ABOVE OD 460 MM	NO	
125	EP-P91	8125	END CHAMF OF P91 PIPES UP TO OD 65 MM AND THK UP TO 15 MM - (P91 / P92)	NO	
126	EP-P91	8126	END CHAMF OF P91 PIPES ABOVE OD 65 MM UP TO OD 115 MM AND THK UP TO 15 MM - (P91 / P92)	NO	
127	EP-P91	8127	END CHAMF OF P91 PIPES UP TO OD 115 MM AND THK ABOVE 15 MM - (P91 / P92)	NO	
128	EP-P91	8128	END CHAMF FROM OD 115 MM & UP TO OD 170 MM AND THK UP TO 15 MM (P91 / P92)	NO	

BHEL :: PIPING CENTRE :: CHENNAI - 600017
 OUTSOURCING
 LIST OF RATE SCHEDULES FOR RC:2015-16
 ANNEXURE-B

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
129	EP-P91	8129	END CHAMF FROM OD 115 MM & UP TO OD 170 MM AND THK ABOVE 15 MM (P91 / P92)	NO	
130	EP-P91	8130	END CHAMF FROM OD 170 MM & UP TO OD 325 MM AND THK UP TO 20 MM (P91 / P92)	NO	
131	EP-P91	8131	END CHAMF FROM OD 170 MM & UP TO OD 325 MM AND THK ABOVE 20 MM & UPTO 28 MM (P91 / P92)	NO	
132	EP-P91	8132	END CHAMF FROM OD170 MM & UP TO OD 325 MM AND THK ABOVE 28 MM & UPTO 42 MM (P91 / P92)	NO	
133	EP-P91	8133	END CHAMF FROM OD 170 MM & UP TO OD 325 MM AND THK ABOVE 42 MM & UP TO 64 MM - (P91 / P92)	NO	
134	EP-P91	8134	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK UP TO 20 MM (P91 / P92)	NO	
135	EP-P91	8135	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 20 MM & UP TO 28 MM (P91 / P92)	NO	
136	EP-P91	8136	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 28 MM & UP TO 42 MM - (P91 / P92)	NO	
137	EP-P91	8137	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 42 MM & UP TO 64 MM - (P91 / P92)	NO	
138	EP-P91	8138	END CHAMF OF ABOVE OD 325 MM & UP TO OD 460 MM AND THK ABOVE 64 MM) - (P91 / P92)	NO	
139	EP-P91	8139	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK UPTO 20 MM - (P91 / P92)	NO	
140	EP-P91	8140	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK-ABOVE 20 MM & UP TO 28 MM (P91 / P92)	NO	
141	EP-P91	8141	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 28 MM & UP TO 42 MM - (P91 / P92)	NO	
142	EP-P91	8142	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK-ABOVE 42 MM & UPTO 64 MM - (P91 / P92)	NO	
143	EP-P91	8143	END CHAMF OF ABOVE OD 460 MM & UP TO OD 765 MM AND THK ABOVE 64 MM - (P91 / P92)	NO	
144	EP-P91	8144	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1220 MM AND THK UPTO 32 MM - (P91 / P92)	NO	
145	EP-P91	8145	END CHAMF OF ABOVE OD 765 MM & AND UP TO OD 1220 MM AND THK ABOVE 32 MM AND UP TO 64 MM - (P91 / P92)	NO	
146	EP-P91	8146	END CHAMF OF ABOVE OD 765 MM & UP TO OD 1220 MM AND THK ABOVE 64 MM - (P91 / P92)	NO	
[3.2] MACHINING OF P91/P92 COMPONENTS - (For details of work kindly refer scope of work clause-3.2)					
147	MACHNG-P91	8147	MATCHING PIECE FROM FORGINGS - (F91)	NO	
148	MACHNG-P91	8148	TRUNION MACHINING (P91 / P92)	KG	
149	MACHNG-P91	8149	STUB MADEOUT OF ROD DIA UPTO 80 MM (P91 / P92)	NO	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
150	MACHNG-P91	8150	STUB MADEOUT OF ROD DIA ABOVE 80 MM UPTO 140 MM (P91 / P92)	NO	
151	MACHNG-P91	8151	STUB MADEOUT OF ROD DIA ABOVE 140 MM UPTO 220 MM (P91 / P92)	NO	
152	MACHNG-P91	8152	STUB MADEOUT OF ROD DIA ABOVE 220 MM (P91 / P92)	NO	
153	MACHNG-P91	8153	CARRIER PLATE - MACHINED OUT OF PIPE OD 410 MM & THK 38MM (CUTTING BY BANDSAW ONLY) - P91 / P92.	NO	
154	MACHNG-P91	8154	CARRIER PLATE - MACHINED OUT OF PIPE OD 510 MM -OD 560 MM & THK 54 MM (CUTTING BY BANDSAW ONLY) - P91 / P92.	NO	
155	MACHNG-P91	8155	CARRIER PLATE - MACHINED OUT OF PLATE THK UP TO 40 MM (CUTTING BY BANDSAW ONLY) - P91 / P92.	NO	
156	MACHNG-P91	8156	CARRIER PLATE - MACHINED OUT OF PLATE THK ABOVE 40 MM (CUTTING BY BANDSAW ONLY) - P91 / P92.	NO	
[3.3] P91/P92 UT REFERENCE BLOCK / HARDNESS BLOCK - (For details of work kindly refer scope of work clause- 3.3)					
157	MACHNG-P91	8157	UT REFERENCE BLOCK TO BE MADE OUT OF SA335 P91 / P92 PIPE UP TO DIA 168.3 MM UP TO THK 45 MM (AXIAL)	NO	
158	MACHNG-P91	8158	UT REFERENCE BLOCK TO BE MADE OUT OF SA335 P91 / P92 PIPE DIA 219.1 MM AND UP TO DIA 558.9 MM UP TO THK 125 MM (AXIAL)	NO	
159	MACHNG-P91	8159	UT REFERENCE BLOCK TO BE MADE OUT OF SA335 P91 / P92 PIPE ABOVE DIA 558.9 MM AND UP TO DIA 1220 MM UP TO THK 125 MM (AXIAL)	NO	
160	MACHNG-P91	8160	UT REFERENCE BLOCK TO BE MADE OUT OF SA335 P91 / P92 PIPE UP TO DIA 168.3 MM UP TO THK 45 MM (CIRCUMFERENTIAL)	NO	
161	MACHNG-P91	8161	UT REFERENCE BLOCK TO BE MADE OUT OF SA335 P91 / P92 PIPE DIA 219.1 MM AND UP TO DIA 558.9 MM UP TO THK 125 MM (CIRCUMFERENTIAL)	NO	
162	MACHNG-P91	8162	UT REFERENCE BLOCK TO BE MADE OUT OF SA335 P91 / P92 PIPE ABOVE DIA 558.9 MM AND UP TO DIA 1220 MM UP TO THK 125 MM (CIRCUMFERENTIAL)	NO	
163	MACHNG-P91	8163	HARDNESS BLOCK TO BE MADE OUT OF SA335 P91 / P92 : SIZE : 25X50X150	NO	
SCHEDULE- 4 - PLATE FORMED PRODUCT - IBR/NIBR					
[4.1] PUDDLE FLANGE MADE OUT OF PLATE - (For details of work kindly refer scope of work clause-4.1)					
164	PFP	8164	PUDDLE FLANGE (INCLUSIVE OF PLATE ROLLING,WELDING OF PAD PLATE AND FLANGE)	MT	
[4.2] FABRICATION OF MANHOLE ASSEMBLY - CS - NIBR - (For details of work kindly refer scope of work clause-4.2)					
165	ATT-NIBR	8165	FAB. OF MANHOLE ASSEMBLY - WITHOUT MAIN PIPE(INCL. M/C OF ALL FLANGES)	MT	
166	ATT-NIBR	8166	FAB. OF MANHOLE ASSEMBLY - WITH MAIN PIPE (INCL. M/C OF ALL FLANGES)	MT	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
167	ATT-NIBR	8167	FAB. OF MANHOLE ASSEMBLY - WITH MAIN PIPE (PLATE FORMED) & (INCL. M/C OF ALL FLANGES)	MT	
[4.3] 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..) - (For details of work kindly refer scope of work clause-4.3)					
168	PFP	8168	FAB OF MITRE BEND / WELDED TEE / Y-PIECE FROM PLATE - OD UPTO OD 510 MM - NIBR	MT	
169	PFP	8169	FAB OF MITRE BEND / WELDED TEE / Y-PIECE FROM PLATE - ABOVE OD 510 MM AND UP TO OD 915 MM - NIBR	MT	
170	PFP	8170	FAB OF MITRE BEND / WELDED TEE / Y-PIECE FROM PLATE - ABOVE OD 915 MM - NIBR	MT	
[4.4] MITRE BENDS FROM PLATE - SS (WITH AND WITHOUT ATTACHMENT , INCLUSIVE OF PLASMA CUTTING AND PASSIVATION) - (For details of work kindly refer scope of work clause-4.4)					
171	PFP	8171	FAB OF MITRE BEND FROM PLATE BELOW OD 610 MM	MT	
172	PFP	8172	FAB OF MITRE BEND FROM PLATE FROM OD 610 MM - OD 915 MM	MT	
173	PFP	8173	FAB OF MITRE BEND FROM PLATE ABOVE OD 915 MM - OD 1610 MM	MT	
[4.5] PLATE FORMED ITEMS - WITHOUT ATTACHMENT (INVOLVES ROLLING OF PLATES,LS WELDING & SQUARE CUT/EP) - CS & AS - NIBR - (For details of work kindly refer scope of work clause-4.5)					
174	PFP	8174	FAB OF PLATE FORMED PIPES UP TO OD 510 MM - CS -NIBR	MT	
175	PFP	8175	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM -CS-NIBR	MT	
176	PFP	8176	FAB OF PLATE FORMED PIPES ABOVE OD 1220 MM & UP TO OD 4100 MM : CS & NIBR	MT	
177	PFP	8177	FAB OF PLATE FORMED PIPES UP TO OD 510 MM - AS - NIBR	MT	
178	PFP	8178	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM -AS-NIBR	MT	
179	PFP	8179	FAB OF PLATE FORMED PIPES ABOVE OD 1220 MM & UP TO OD 4100 MM : AS & NIBR	MT	
[4.6] PLATE FORMED ITEMS - WITH ATTACHMENT (INVOLVES ROLLING OF PLATES,LS WELDING & SQUARE CUT/EP) - CS & AS - NIBR - (For details of work kindly refer scope of work clause-4.6)					
180	PFP	8180	FAB OF PLATE FORMED PIPES UP TO OD 510 MM WITH ATTACHMENTS - CS - NIBR	MT	
181	PFP	8181	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM WITH ATTACHMENTS - CS - NIBR	MT	
182	PFP	8182	FAB OF PLATE FORMED PIPES UP TO OD 510 MM WITH ATTACHMENTS - AS - NIBR	MT	
183	PFP	8183	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM WITH ATTACHMENTS - AS -NIBR	MT	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
184	PFP	8184	FAB OF PLATE FORMED PIPES ABOVE OD 1220 MM & UP TO OD 4100 MM WITH ATTACHMENTS - CS - NIBR	MT	
185	PFP	8185	FAB OF PLATE FORMED PIPES ABOVE OD 1220 MM & UP TO OD 4100 MM WITH ATTACHMENTS - AS - NIBR	MT	
[4.7] PLATE FORMED REDUCERS AND FUNNEL (INVOLVES ROLLING OF PLATES,LS WELDING & SQUARE CUT/EP) - CS & AS - NIBR - (For details of work kindly refer scope of work clause-4.7)					
186	PFP	8186	FAB.OF PLATE FORMED REDUCERS (Concentric/Ecentric) UP TO 50 KG - AS / CS - NIBR	NO	
187	PFP	8187	FAB.OF PLATE FORMED REDUCERS (Concentric/Ecentric) ABOVE 50 KG AND UP TO 250 KG - AS / CS - NIBR	NO	
188	PFP	8188	FAB.OF PLATE FORMED REDUCERS (Concentric/Ecentric) ABOVE 250 KG - AS / CS - NIBR	MT	
189	PFP	8189	PLATE FORMED REDUCER WITH BOTH SIDE PIPE ATTACHMENT (FUNNEL)	MT	
190	PFP	8190	PLATE FORMED REDUCER WITH BOTH SIDE PLATE FORMED PIPE ATTACHMENT (FUNNEL)	MT	
[4.8] PLATE FORMED ITEMS - WITHOUT ATTACHMENT (INVOLVES ROLLING OF PLATES,LS WELDING & SQUARE CUT/EP) - CS & AS - IBR - (For details of work kindly refer scope of work clause-4.8)					
191	PFP-IBR	8191	FAB OF PLATE FORMED PIPES UP TO OD 510 MM - CS - IBR	MT	
192	PFP-IBR	8192	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM -CS-IBR	MT	
193	PFP-IBR	8193	FAB OF PLATE FORMED PIPES UP TO OD 510 MM - AS - IBR	MT	
194	PFP-IBR	8194	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM -AS-IBR	MT	
[4.9] PLATE FORMED ITEMS - WITH ATTACHMENT (INVOLVES ROLLING OF PLATES,LS WELDING & SQUARE CUT/EP) - CS & AS - IBR - (For details of work kindly refer scope of work clause- 4.9)					
195	PFP-IBR	8195	FAB OF PLATE FORMED PIPES UP TO OD 510 MM WITH ATTACHMENTS - CS - IBR	MT	
196	PFP-IBR	8196	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM WITH ATTACHMENTS - CS - IBR	MT	
197	PFP-IBR	8197	FAB OF PLATE FORMED PIPES UP TO OD 510 MM WITH ATTACHMENTS - AS - IBR	MT	
198	PFP-IBR	8198	FAB OF PLATE FORMED PIPES ABOVE OD 510 MM & UP TO OD 1220 MM WITH ATTACHMENTS - AS - IBR	MT	
[4.10] PU COATING OF PIPE - EXTRA RATE SCHEDULE					
199	PTG-PU	8199	PU COATING OF PIPE UP TO ID 1000 MM (INCLUSIVE OF BLAST CLEANING)	SQM	
200	PTG-PU	8200	PU COATING OF PIPE ABOVE ID 1000 MM (INCLUSIVE OF BLAST CLEANING)	SQM	
SCHEDULE-5- MACHINING / MACHNG & ATT - NIBR/IBR OTHER THAN P91/P92					
[5.1] TARGET PLATE / TARGET PLATE ASSEMBLY - (For details of work kindly refer scope of work clause-5.1)					

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
201	MACHNG	8201	TARGET PLATE (CS)	NO	
202	MACHNG	8202	TARGET PLATE (SS)	NO	
203	ATT-IBR	8203	TARGET PLATE ASSEMBLY [TARGET PLATE FREE ISSUE IN FINISH]	MT	
[5.2] ORIFFICE PLATE / ORIFFICE PLATE ASSY-MACHINING - SS / CS / AS - NIBR - (For details of work kindly refer scope of work clause- 5.2)					
204	MACHNG	8204	ORIFFICE PLATE (SS) MADE OUT OF PLATE AND PLASMA CUTTING INCLUSIVE - NIBR	NO	
205	MACHNG	8205	ORIFFICE PLATE (AS/CS) MADE OUT OF PLATE INCLUSIVE OF WELDING IF APPLICABLE - NIBR	NO	
206	MACHNG	8206	ORIFFICE (AS/CS) MADE OUT OF ROD DIA UPTO 115 MM (NO WELDING INVOLVED) - NIBR	NO	
207	MACHNG	8207	ORIFFICE (AS/CS) MADE OUT OF ROD DIA MORE THAN 115 MM UPTO 220 MM (NO WELDING INVOLVED)- NIBR	NO	
[5.3] ORIFFICE PLATE / ORIFFICE PLATE ASSY-ATTACHMENT - SS / CS / AS - NIBR - (For details of work kindly refer scope of work clause-5.3)					
208	ATT-NIBR	8208	ORIFFICE PLATE ASSEMBLY (SS) MADE OUT OF ROD AND PLASMA CUTTING, MACHINING & WELDING INCLUSIVE - NIBR	NO	
209	ATT-NIBR	8209	ORIFICE PLATE ASSEMBLY MADE OUT OF PIPE (SS) MACHINING, WELDING AND PLASMA CUTTING INCLUSIVE - NIBR	NO	
210	ATT-NIBR	8210	ORIFFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ ROD UPTO OD 170 MM 'D' STYLE / ROD AND WELDING & MACHINING INCLUSIVE - NIBR	NO	
211	ATT-NIBR	8211	ORIFFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ ROD > OD 170 MM AND UP TO OD 410 MM-'D' STYLE / ROD AND WELDING & MACHINING INCLUSIVE - NIBR	NO	
212	ATT-NIBR	8212	ORIFFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ ROD UPTO OD 170 MM 'P' STYLE / ROD AND WELDING & MACHINING INCLUSIVE - NIBR	NO	
213	ATT-NIBR	8213	ORIFFICE PLATE ASSLY (AS/CS) MADE OUT OF PIPE/ROD MORE THAN OD 170 MM AND UP TO OD 410 MM 'P' STYLE / ROD AND WELDING & MACHINING INCLUSIVE - NIBR	NO	
[5.4] MACHINING ITEMS / PART PROCESSING FOR SHOP ASSEMBLIES - (For details of work kindly refer scope of work clause-5.4)					
214	MACHNG	8214	FOUNDATION BOLT UP TO M 24 AND LENGTH UP TO 200 MM	NO	
215	MACHNG	8215	FOUNDATION BOLT UP TO M 24 AND LENGTH ABOVE 200 MM	NO	
216	MACHNG	8216	FOUNDATION BOLT ABOVE M 24 AND LENGTH UP TO 200 MM	NO	
217	MACHNG	8217	FOUNDATION BOLT ABOVE M 24 AND LENGTH ABOVE 200 MM	NO	
218	MACHNG	8218	SLEEVE / SLEEVE PIPE TO BE MACHINED FROM PIPE UP TO DIA 170 MM OR UP TO ROD DIA 115 MM	NO	
219	MACHNG	8219	SLEEVE / SLEEVE PIPE TO BE MACHINED FROM PIPE ABOVE DIA 170 MM AND UP TO OD 275 MM / ABOVE ROD DIA 115 MM AND UP TO 275 MM	NO	

BHEL :: PIPING CENTRE :: CHENNAI - 600017
 OUTSOURCING
 LIST OF RATE SCHEDULES FOR RC:2015-16
 ANNEXURE-B

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
220	MACHNG	8220	SLEEVE / SLEEVE PIPE TO BE MACHINED FROM PIPE ABOVE DIA 275 MM / ABOVE ROD DIA 275 MM	MT	
221	MACHNG	8221	SLEEVE PIPE / SLEEVE PIPE ASSEMBLY (WELDED ASSY) UP TO OD 170 MM / CREEP GAUGE ASSY	NO	
222	MACHNG	8222	SLEEVE PIPE / SLEEVE PIPE ASSEMBLY (WELDED ASSY) FROM ABOVE OD 170 MM AND UP TO OD 275 MM	NO	
223	MACHNG	8223	SLEEVE PIPE / SLEEVE PIPE ASSEMBLY (WELDED ASSY) ABOVE OD 275 MM	MT	
224	MACHNG	8224	MACHINING OF FLANGES / FLAT END CLOSURE UPTO OD 75 MM , COUPLINGS / COUPLING PIN / ADOPTERS / REDUCERS FROM ROUND UPTO 80MM/ NIPPLES / TAIL PIPE / RG PLUG/ UNION NUT/SPHERICAL PIN - NIBR	NO	
225	MACHNG	8225	SPECTACLE FLANGE - NIBR	MT	
226	MACHNG	8226	MACHINING OF FLANGES FROM NB 65 UP TO NB 200 - NIBR	NO	
227	MACHNG	8227	MACHINING OF FLANGES ABOVE NB 200 UP TO NB 400 - NIBR	NO	
228	MACHNG	8228	MACHINING OF FLANGES ABOVE NB 400 UP TO NB 800 - NIBR	NO	
229	MACHNG	8229	MACHINING OF FLANGES ABOVE NB 800 AND UP TO NB 1000 - NIBR	NO	
230	MACHNG	8230	MACHINING OF FLAT END CLOSURE FROM NB 65 UP TO NB 250 - NIBR	NO	
231	MACHNG	8231	MACHINING OF FLAT END CLOSURE ABOVE NB 250 UP TO NB 450 - NIBR	NO	
232	MACHNG	8232	MACHINING OF FLAT END CLOSURE ABOVE NB 450 UP TO NB 800 - NIBR	NO	
233	MACHNG	8233	MACHINING OF FLAT END CLOSURE ABOVE NB 800 AND UP TO NB 1000 - NIBR	NO	
234	MACHNG	8234	MATCHING PIECE FROM FORGINGS - AS / CS - NIBR	NO	
235	MACHNG	8235	TRUNION MACHINING (CS / AS)	KG	
236	MACHNG	8236	STUB / METAL TEMP STUB MADEOUT OF ROD DIA UPTO 80 MM (CS/AS)	NO	
237	MACHNG	8237	STUB / METAL TEMP STUB/ REDUCER MADEOUT OF ROD DIA ABOVE 80 MM UPTO 140 MM (CS/AS) LENGTH LESS THAN 240 MM	NO	
238	MACHNG	8238	STUB / METAL TEMP STUB MADEOUT OF ROD DIA ABOVE 140 MM UPTO 220 MM (CS/AS) LENGTH LESS THAN 240 MM	NO	
239	MACHNG	8239	STUB / METAL TEMP STUB MADEOUT OF ROD DIA ABOVE 220 MM (CS/AS) LENGTH LESS THAN 240 MM	NO	
240	MACHNG	8240	PIPE (MACHINED OUT OF ROD UP TO DIA 100 MM) WITH STUB / TEMP STUB (MACHINED OUT OF ROD UP TO DIA 100 MM)	KG	
241	MACHNG	8241	STUD UP TO M42	NO	
242	MACHNG	8242	STUD MORE THAN M42 AND UP TO M56	NO	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
243	MACHNG	8243	STUD MORE THAN M56 AND UP TO M72	NO	
244	MACHNG	8244	STUD MORE THAN M72	NO	
[5.5] MACHINING / ATTACHMENT-NON-IBR - (For details of work kindly refer scope of work clause-5.5)					
245	MACHNG/ATT-NIBR	8245	FABRICATION AND MACHINING OF SEGMENTAL FLANGES ABOVE NB 1000- NB 2000 - NIBR	NO	
246	MACHNG/ATT-NIBR	8246	FABRICATION AND MACHINING OF SEGMENTAL FLANGES ABOVE NB 2000 UP TO NB 4000 - NIBR	NO	
247	MACHNG/ATT-NIBR	8247	FABRICATION AND MACHINING OF SEGMENTAL FLANGES WELDED WITH PLATE FORMED PIPE ABOVE NB 1000- NB 2000 - NIBR	MT	
248	MACHNG/ATT-NIBR	8248	FABRICATION AND MACHINING OF SEGMENTAL FLANGES WELDED WITH PLATE FORMED PIPE ABOVE NB 2000 UP TO NB 4000 - NIBR	MT	
249	MACHNG/ATT-NIBR	8249	ADOPTER WITH STUB / TEMP.STUB WITH REDUCER ON BOTH ENDS.	NO	
[5.6] ORIFFICE PLATE / ORIFFICE PLATE ASSY-MACHINING - SS / CS / AS - IBR - (For details of work kindly refer scope of work clause-5.6)					
250	MACHNG-IBR	8250	ORIFFICE PLATE (SS) MADE OUT OF PLATE AND PLASMA CUTTING INCLUSIVE - IBR	NO	
251	MACHNG-IBR	8251	ORIFFICE PLATE (AS/CS) MADE OUT OF PLATE INCLUSIVE OF WELDING IF APPLICABLE - IBR	NO	
252	MACHNG-IBR	8252	ORIFFICE (AS/CS) MADE OUT OF ROD DIA UPTO 115 MM (NO WELDING INVOLVED) - IBR	NO	
253	MACHNG-IBR	8253	ORIFFICE (AS/CS) MADE OUT OF ROD DIA MORE THAN 115 MM UPTO 220 MM (NO WELDING INVOLVED)- IBR	NO	
[5.7] ORIFFICE PLATE / ORIFFICE PLATE ASSY-ATTACHMENT - SS / CS / AS - IBR - (For details of work kindly refer scope of work clause-5.7)					
254	ATT-IBR	8254	ORIFFICE PLATE ASSEMBLY (SS) MADE OUT OF ROD AND PLASMA CUTTING ,MACHINING & WELDING INCLUSIVE - IBR	NO	
255	ATT-IBR	8255	ORIFICE PLATE ASSEMBLY MADE OUT OF PIPE (SS) MACHINING, WELDING AND PLASMA CUTTING INCLUSIVE - IBR	NO	
256	ATT-IBR	8256	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'D' STYLE EP UPTO OD 170 MM MACHINING AND WELDING INCLUSIVE - IBR	NO	
257	ATT-IBR	8257	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'D' STYLE EP ABOVE OD 170 MM TO OD 410 MM MACHINING AND WELDING INCLUSIVE - IBR	NO	
258	ATT-IBR	8258	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'P' STYLE EP UPTO OD 170 MM MACHINING AND WELDING INCLUSIVE - IBR	NO	
259	ATT-IBR	8259	ORIFICE PLATE (AS,CS) / ORIFICE PLATE ASSEMBLY - 'P' STYLE EP ABOVE OD 170 MM TO OD 410 MM MACHINING AND WELDING INCLUSIVE - IBR	NO	
[5.8] MACHINING ITEMS / PART PROCESSING FOR SHOP ASSEMBLIES - IBR - (For details of work kindly refer scope of work clause-5.8)					
260	MACHNG-IBR	8260	SCREW PLUG AS/CS FOR IBR APPLICATION FROM ROD DIA UP TO 65 MM.	NO	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
261	MACHNG-IBR	8261	SCREW PLUG AS/CS FOR IBR APPLICATION FROM ROD DIA. ABOVE 65 MM AND UP TO DIA 115 MM.	NO	
262	MACHNG-IBR	8262	MACHINING OF FLANGES / FLAT END CLOSURE UPTO NB 50 , COUPLINGS / ADOPTERS / REDUCERS FROM ROUND UPTO 80MM/ NIPPLES / TAIL PIPE / RG PLUG - IBR	NO	
263	MACHNG-IBR	8263	SPECTACLE FLANGE - IBR	MT	
264	MACHNG-IBR	8264	MACHINING OF FLANGES FROM NB 65 UP TO NB 200 - IBR	NO	
265	MACHNG-IBR	8265	MACHINING OF FLANGES ABOVE NB 200 UP TO NB 400 - IBR	NO	
266	MACHNG-IBR	8266	MACHINING OF FLANGES ABOVE NB 400 UP TO NB 800 - IBR	NO	
267	MACHNG-IBR	8267	MACHINING OF FLANGES ABOVE NB 800 AND UP TO NB 1000 - IBR	NO	
268	MACHNG-IBR	8268	MACHINING OF FLAT END CLOSURE FROM NB 65 UP TO NB 250 - IBR	NO	
269	MACHNG-IBR	8269	MACHINING OF FLAT END CLOSURE ABOVE NB 250 UP TO NB 450 - IBR	NO	
270	MACHNG-IBR	8270	MACHINING OF FLAT END CLOSURE ABOVE NB 450 UP TO NB 800 - IBR	NO	
271	MACHNG-IBR	8271	MACHINING OF FLAT END CLOSURE ABOVE NB 800 AND UP TO NB 1000 - IBR	NO	
272	MACHNG-IBR	8272	MATCHING PIECE FROM FORGINGS - AS / CS - IBR	NO	
273	MACHNG-IBR	8273	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF ROD UPTO DIA 80 MM, LENGTH = MORE THAN 240 MM - IBR / NIBR	NO	
274	MACHNG-IBR	8274	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF ROD MORE THAN DIA 80 MM , LENGTH = MORE THAN 240 MM - IBR / NIBR	NO	
275	MACHNG-IBR	8275	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF PIPE UPTO OD 65 MM - IBR / NIBR	NO	
276	MACHNG-IBR	8276	METAL TEMPERATURE STUB(CS/AS) MADE OUT OF PIPE MORE THAN OD 65 MM - IBR / NIBR	NO	
277	MACHNG-IBR	8277	STUB / METAL TEMP STUB MADEOUT OF ROD DIA UPTO 80 MM (CS/AS) -IBR	NO	
278	MACHNG-IBR	8278	STUB / METAL TEMP STUB/ REDUCER MADEOUT OF ROD DIA ABOVE 80 MM UPTO 140 MM (CS/AS) LENGTH LESS THAN 240 MM-IBR	NO	
279	MACHNG-IBR	8279	STUB / METAL TEMP STUB MADEOUT OF ROD DIA ABOVE 140 MM UPTO 220 MM (CS/AS) LENGTH LESS THAN 240 MM-IBR	NO	
280	MACHNG-IBR	8280	STUB / METAL TEMP STUB MADEOUT OF ROD DIA ABOVE 220 MM (CS/AS) LENGTH LESS THAN 240 MM-IBR	NO	
SCHEDULE-6 - SPECIAL MACHINING COMPONENTS					
[6.1] RIGID STRUT (INCLUSIVE OF ALL MACHINING , GALVANISING & SPECIAL PAINTING) - (For details of work kindly refer scope of work clause-6.1)					

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
281	RS	8281	FAB OF RIGID STRUT WEIGHT UPTO 30 KG	MT	
282	RS	8282	FAB. OF RIGID STRUT WEIGHT GREATER THAN 30 KG TO 70 KG	MT	
283	RS	8283	FAB. OF RIGID STRUT WEIGHT ABOVE 70 KG	MT	
[6.2] 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. - (For details of work kindly refer scope of work clause-6.2)					
284	MACHNG	8284	UP TO M20 AND LENGTH UP TO 1700 MM	MT	
285	MACHNG	8285	UPTO M20 AND LENGTH ABOVE 1700 MM	MT	
286	MACHNG	8286	GREATER THAN M20 AND UP TO M36 AND LENGTH UPTO 1700 MM	MT	
287	MACHNG	8287	GREATER THAN M20 AND UP TO M36 AND LENGTH > 1700 MM	MT	
288	MACHNG	8288	GREATER THAN M36 AND UP TO M56 AND LENGTH UPTO 1700 MM	MT	
289	MACHNG	8289	GREATER THAN M36 AND UP TO M56 AND LENGTH > 1700 MM	MT	
290	MACHNG	8290	GREATER THAN M56 AND LENGTH UP TO 1700 MM	MT	
291	MACHNG	8291	GREATER THAN M56 AND LENGTH > 1700 MM	MT	
[6.3] TIE ROD - FULLY THREADED WITH GALVANISING TO THK 15 MICRONS AND YELLOW CHROMATISING. - (For details of work kindly refer scope of work clause-6.3)					
292	MACHNG	8292	UP TO M20 AND LENGTH UP TO 3250 MM	MT	
293	MACHNG	8293	GREATER THAN M20 AND UP TO M42 AND LENGTH UPTO 3250 MM	MT	
294	MACHNG	8294	GREATER THAN M42 AND UP TO M64 AND LENGTH UPTO 1800 MM	MT	
295	MACHNG	8295	GREATER THAN M42 AND UP TO M64 AND LENGTH ABOVE 1800 MM AND UP TO 3250 MM	MT	
296	MACHNG	8296	GREATER THAN M64 AND LENGTH UP TO 1800 MM	MT	
297	MACHNG	8297	GREATER THAN M64 AND LENGTH ABOVE 1800 MM AND UP TO 3250 MM	MT	
[6.4] MISCELLANEOUS FABRICATIONS / WELD ON CLEVIS & CLEVIS WITH BOLT ASSY - (For details of work kindly refer scope of work clause-6.4)					
298	MACHNG	8298	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING AND IF ANY EXTERNAL COATING LIKE GALVANIZING, CHROMOTIZING : DU WEIGHT UP TO 1 KG / PIECE	KG	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
299	MACHNG	8299	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING AND IF ANY EXTERNAL COATING LIKE GALVANIZING, CHROMOTIZING : DU WEIGHT MORE THAN 1 KG / PIECE UP TO 10 KG / PIECE	KG	
300	MACHNG	8300	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT UP TO 10 KG / PIECE	KG	
301	MACHNG	8301	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT MORE THAN 10 KG / PIECE UP TO 25 KG / PIECE	KG	
302	MACHNG	8302	DU INVOLVING MISC MACHINING AND OR WELDING AND OR THREADING : DU WEIGHT MORE THAN 25 KG / PIECE	KG	
303	ATT-NIBR	8303	WELD ON CLEVIS / WELD ON BRACKET ASSY /CLEVIS WITH BOLT ASSY INCLUDING SPECIAL COATING	NO	
SCHEDULE-7 -TANKS & VESSELS -IBR/NIBR					
[7] TANKS, VESSELS & DISHED ENDS - (For details of work kindly refer scope of work clause- 7)					
304	TANKS-IBR	8304	FAB. OF TANKS & VESSELS (INCL.FAB. OF INTERNALS) INCLUDING ACCESSORIES - IBR	MT	
305	TANKS-NIBR	8305	FAB. OF TANKS & VESSELS (INCL. FAB.OF INTERNALS) INCLUDING ACCESSORIES -NIBR	MT	
306	TANKS-NIBR	8306	FABRICATION OF DEAERATOR WITH SS TRAYS - IBR / NIBR	MT	
307	TANKS-NIBR	8307	FEED WATER STORAGE TANK - IBR / NIBR	MT	
308	TANKS-NIBR	8308	SEAL POT ASSEMBLY / NAOH BREATHER ASSEMBLY	MT	
309	TANKS-NIBR	8309	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - UP TO OD 2240 MM - NIBR	MT	
310	TANKS-NIBR	8310	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - ABOVE OD 2240 MM AND UP TO OD 3250 MM - NIBR	MT	
311	TANKS-NIBR	8311	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - ABOVE OD 3250 MM - NIBR	MT	
312	TANKS-IBR	8312	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - UP TO OD 2240 MM - IBR	MT	
313	TANKS-IBR	8313	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - ABOVE OD 2240 MM AND UP TO OD 3250 MM - IBR	MT	
314	TANKS-IBR	8314	DISHED ENDS MADE OUT OF PLATE INCLUSIVE OF WELDING, HEAT TREATMENT AS PER DRAWING, QP - ABOVE OD 3250 MM - IBR	MT	
SCHEDULE-8- CLAMPS					
[8] CLAMPS (AS / CS) / ROD TYPE CLAMP/ CLAMP MADE OUT OF PLATE - (For details of work kindly refer scope of work clause-8)					
315	CLAMPS	8315	AS / CS CLAMP ASSY WT UPTO 10 KG	NO	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
316	CLAMPS	8316	AS / CS CLAMP ASSY WT GREATER THAN 10KG & UPTO 25 KG	NO	
317	CLAMPS	8317	AS / CS CLAMP ASSY WT GREATER THAN 25 & UPTO 50KG	NO	
318	CLAMPS	8318	AS / CS CLAMP ASSY WT GREATER THAN 50 & UPTO 100KG	NO	
319	CLAMPS	8319	AS / CS CLAMP ASSY WELDTYPE WT ABOVE 100 KG	MT	
320	CLAMPS	8320	TRUNNION CLAMP	MT	
321	CLAMPS	8321	ROD TYPE CLAMP MADE OUT ROD DIA UP TO 50MM	NO	
322	CLAMPS	8322	ROD TYPE CLAMP MADE OUT ROD DIA ABOVE 50MM AND UPTO 80 MM	NO	
323	CLAMPS	8323	PIPE CLAMP MADE OUT OF SINGLE PLATE (FORMING AND DRILLING ONLY AS PER THE DRG.)	NO	
SCHEDULE-9- WELDED BEAM & WELDED BOX					
[9] WELDED BEAM , COLLECTING BEAM & WELDED BOX - (For details of work kindly refer scope of work clause-9)					
324	WB	8324	FAB. OF AUTO WELDED BEAMS / COLLECTING BEAMS (INCLUDING SPLICING/ MPI / LPI)	MT	
325	WB	8325	FAB. OF WELDED BOX (INCLUDING SPLICING / MPI / LPI)	MT	
SCHEDULE-10- PIPE BENDING					
[10] BENDING OF PIPE - (For details of work kindly refer scope of work clause-10)					
326	BEND	8326	BENDING OF PIPE(CS, AS) INCL OF EP -OD UPTO 65 MM & UP TO 12.5THK	NO	
SCHEDULE-11- EXTRA RATE SCHEDULE					
[11.1] HANDLING OF HIGH THK PIPE - (For details of work kindly refer scope of work clause-11.1)					
327	HNDLG	8327	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 CODE NO. 8001 TO 8041 , 8070 TO 8110 & 8123 TO 8146] - NOT APPLICABLE FOR PIPE WITH ATTACHMENTS.	NO	
[11.2] SS MATERIAL COST - (For details of work kindly refer scope of work clause- 11.2)					

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
328	ATT-NIBR	8328	SS MATERIAL COST (ROUND,PLATE & PIPE)	KG	
[11.3] PLASMA CUTTING - (For details of work kindly refer scope of work clause- 11.3)					
329	PLASMA	8329	PLASMA CUTTING OF SS PLATE (RATE/MTR) THK UP TO 16 MM	M	
330	PLASMA	8330	PLASMA CUTTING OF SS PLATE (RATE/MTR) THK ABOVE 16 MM	M	
331	PLASMA	8331	PLASMA CUTTING OF P91/P92 PLATE (RATE/MTR) THK UP TO 25 MM	M	
332	PLASMA	8332	PLASMA CUTTING OF P91/P92 PLATE (RATE/MTR) THK ABOVE 25 MM	M	
[11.4] ADDITIONAL PLATES BUTT JOINTS (AS / CS / SS) - (For details of work kindly refer scope of work clause- 11.4)					
333	BUTT JOINT	8333	ADDITIONAL BUTT JOINT FOR PLATE THK UP TO 14 MM : CS / AS	M	
334	BUTT JOINT	8334	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 14MM & UP TO 32 MM : CS / AS	M	
335	BUTT JOINT	8335	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 32MM & UP TO 64 MM : CS / AS	M	
336	BUTT JOINT	8336	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 64 MM CS / AS	M	
337	BUTT JOINT	8337	ADDITIONAL BUTT JOINT FOR PLATE THK UP TO 14 MM - SS	M	
338	BUTT JOINT	8338	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 14MM & UP TO 32 MM - SS	M	
339	BUTT JOINT	8339	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 32MM & UP TO 64 MM - SS	M	
340	BUTT JOINT	8340	ADDITIONAL BUTT JOINT FOR PLATE THK ABOVE 64 MM SS	M	
[11.5] ADDITIONAL PIPE BUTT JOINTS (AS / CS) - (For details of work kindly refer scope of work clause- 11.5)					
341	BUTT JOINT	8341	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA UP TO OD 115 MM AND THK UP TO 14.27 MM	NO	
342	BUTT JOINT	8342	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA UP TO OD 115 MM AND THK ABOVE 14.27 MM	NO	
343	BUTT JOINT	8343	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 115 MM & UP TO OD 350 MM AND THK UP TO 14.27 MM	NO	
344	BUTT JOINT	8344	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 115 MM & UP TO OD 350 MM AND THK ABOVE 14.27 MM & UP TO 28 MM	NO	
345	BUTT JOINT	8345	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 115 MM & UP TO OD 350 MM AND THK ABOVE 28 MM	NO	
346	BUTT JOINT	8346	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 350 MM & UP TO OD 610 MM AND THK UP TO 14.27 MM	NO	
347	BUTT JOINT	8347	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 350 MM & UP TO OD 610 MM AND THK ABOVE 14.27 MM & UP TO 28 MM	NO	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
348	BUTT JOINT	8348	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 350 MM AND UPTO OD 610 MM - THK ABOVE 28 MM	NO	
349	BUTT JOINT	8349	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 610 MM & UP TO OD 1170 MM AND THK UP TO 14.27 MM	NO	
350	BUTT JOINT	8350	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 610 MM & UP TO OD 1170 MM AND THK ABOVE 14.27 MM AND UP TO 28 MM	NO	
351	BUTT JOINT	8351	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 610 MM & UP TO OD 1170 MM AND THK ABOVE 28 MM	NO	
352	BUTT JOINT	8352	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 1170 MM & UP TO OD 2410 MM AND THK UP TO 14.27 MM	NO	
353	BUTT JOINT	8353	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 1170 MM & UP TO OD 2410 MM AND THK ABOVE 14.27 MM & UP TO 28 MM	NO	
354	BUTT JOINT	8354	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 1170 MM & UP TO OD 2410 MM AND THK ABOVE 28 MM	NO	
355	BUTT JOINT	8355	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 2410 MM & UP TO OD 4100 MM AND THK UP TO 14.27 MM	NO	
356	BUTT JOINT	8356	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 2410 MM & UP TO OD 4100 MM AND THK ABOVE 14.27 MM & UP TO 28 MM	NO	
357	BUTT JOINT	8357	ADDL BUTT JOINT FOR PIPE (CS / AS) RATE/JOINT DIA ABOVE OD 2410 MM & UP TO OD 4100 MM AND THK ABOVE 28 MM	NO	
[11.6] HEAT TREATMENT - (For details of work kindly refer scope of work clause-11.6)					
358	HT	8358	CHARGES FOR HEAT TREATMENT	MT	
[11.7] GALVANISING, CHROMOTISING & THREADING - (For details of work kindly refer scope of work clause-11.7)					
359	GAL	8359	THREADING & GALVANISING OF PIPE & FITTING ITEMS	MT	
360	GAL	8360	GALVANISING ONLY - ELECTRO	MT	
361	GAL	8361	GALVANISING ONLY - HOT DIP	MT	
362	GAL	8362	YELLOW CHROMOTISING ONLY	MT	
[11.8] PAINTING CATEGORY - (For details of work kindly refer scope of work clause-11.8)					
363	PTG	8363	BLAST CLEANING SA 2 1/2	SQM	
364	PTG	8364	REDOXIDE ZINC PHOSPHATE PRIMER(ALKYD BASE) TO IS 12744 BY /BRUSH / SPRAY - 30 MIC	SQM	
365	PTG	8365	SYNTHETIC ENAMEL LONG OIL ALKYD TO IS 2932 (LATEST) BY BRUSH / SPRAY - 20 MIC	SQM	
366	PTG	8366	HEAT RESISTANCE ALUMINIUM PAINT TO IS 13183 GR I / GR II - 20 MIC	SQM	
367	PTG	8367	ALIPHATIC ACRYLIC POLYURETHANE PAINT TO IS 13213 (LATEST) - 30 MIC	SQM	

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
368	PTG	8368	EPOXY POLYAMIDE RESIN BASED ZINC PHOSPHATE PRIMER-30 MIC	SQM	
369	PTG	8369	EPOXY POLYAMIDE CURED FINISH PAINT TO IS 14209 - 50 MIC	SQM	
370	PTG	8370	EPOXY BASED RED OXIDE ZINC PHOSPHATE PRIMER - 50 MIC / High Build Chlorinated Rubber Based Zinc Phosphate Primer - 50 Mic	SQM	
371	PTG	8371	INORGANIC ETHYLZINC SILICATE PRIMER TO IS 14946 - 50 MIC / Epoxy Based Zinc Rich Primer- 50 MIC / Epoxy Based Zinc Rich Primer To IS 14589 Grade II - 50 Mic / Two Component Polymaide-Cured Zinc Rich Epoxy Primer(Zinc Content 80% W/W) - 50 Mic	SQM	
372	PTG	8372	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 Polymide Mio Coating 50 Mic	SQM	
373	PTG	8373	CHLORINATED RUBBER BASED FINISH PAINT TO SMOKE GREY - 30MIC	SQM	
374	PTG	8374	COAL TAR EPOXY COATING FINISH - 100 MIC	SQM	
375	PTG	8375	COAL TAR EPOXY PRIMER - 50 MIC	SQM	
376	PTG	8376	HEAT RESISTANCE SILICON COATING 20 MIC	SQM	
SCHEDULE-12- MACHINING OF WELDED TEES(IBR/NIBR)					
[12.1] WELDED TEES BASE PIPE (SPEC-F11,F22,SA105,SA106GRB & SA106GRC) - (For details of work kindly refer scope of work clause-12.1)					
377	MCHNG-WT-BSP	8377	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE UP TO NB 150	NO	
378	MCHNG-WT-BSP	8378	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 150 UP TO NB 300	NO	
379	MCHNG-WT-BSP	8379	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 300 UP TO NB 400	NO	
380	MCHNG-WT-BSP	8380	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 400 UP TO NB 650	NO	
381	MCHNG-WT-BSP	8381	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 650 UP TO NB 1000	NO	
382	MCHNG-WT-BSP	8382	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 1000	NO	
[12.2] WELDED TEES BASE PIPE (SPEC-F91 & P91/P92) - (For details of work kindly refer scope of work clause-12.2)					
383	MCHNG-WT-BSP	8383	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE UP TO NB 350	NO	
384	MCHNG-WT-BSP	8384	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 350 UP TO NB 600	NO	
385	MCHNG-WT-BSP	8385	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 600 UP TO NB 1000	NO	
386	MCHNG-WT-BSP	8386	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 1000	NO	
[12.3] WELDED TEES BRANCH PIPE (SPEC-F11,F22,SA105,SA106GRB & SA106GRC) - (For details of work kindly refer scope of work clause-12.3)					
387	MCHNG-WT-BRP	8387	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE UP TO NB 150	NO	

BHEL :: PIPING CENTRE :: CHENNAI - 600017
 OUTSOURCING
 LIST OF RATE SCHEDULES FOR RC:2015-16
 ANNEXURE-B

SL NO	CATEGORY	RATE CODE	DESCRIPTION	UOM	RATE IN RS
388	MCHNG-WT-BRP	8388	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 150 UP TO NB 300	NO	
389	MCHNG-WT-BRP	8389	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 300 UP TO NB 400	NO	
390	MCHNG-WT-BRP	8390	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 400 UP TO NB 650	NO	
391	MCHNG-WT-BRP	8391	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 650 UP TO NB 1000	NO	
392	MCHNG-WT-BRP	8392	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 1000	NO	
[12.4] WELDED TEES BRANCH PIPE (SPEC-F91 & P91/P92) - (For details of work kindly refer scope of work clause-12.4)					
393	MCHNG-WT-BRP	8393	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE UP TO NB 350	NO	
394	MCHNG-WT-BRP	8394	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 350 UP TO NB 600	NO	
395	MCHNG-WT-BRP	8395	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 600 UP TO NB 1000	NO	
396	MCHNG-WT-BRP	8396	MACHINING OF WELDED TEE BASE PIPE EITHER FROM FORGING/PIPE ABOVE NB 1000	NO	