



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

Piping Centre, 80, G. N. Chetty Road, CHENNAI – 600 017

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REF: ENQ NO:4101100118

DT: 01.11.2011

Sub: Procurement of carbon and alloy steel pipe fittings.

Ref: Enquiry No:PC:4101100089 dt 31.10.2011

Please find the following tender documents for reference.

1. List of items, EP drawing and tolerance drg.
2. Tech. delivery condition TDG: 102:04.

Pre qualification is the criteria for consideration for other than BHEL approved vendors. 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 through e-mail/courier may submit their offers. Offers from other vendors will not be considered for this enquiry.

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

Manager / Purchase
BHEL / Piping Centre
80,GN Road, T.Nagar
Chennai-600017
Ph: 044-28161243

Sl NO	Material	Drawing nos	Description	qty nos	Cur	Unit rate
1	921044650000	As per standard	LR 90DEG ELL 273X9.27SA234WP22CL1	20		
2	921044660000	As per standard	LR 90DEG ELL 323.9X9.53SA234WP22CL1	35		
3	921045020000	As per standard	BW LR 90DEG ELL 323.9X9.53SA234WP22CL1	8		
4	921174490000	As per standard	CONCRED323.9X9.53/219.1X12.7SA234WP22CL1	4		
5	921175140000	4-80-321-69527	RED OD 645X27.5/OD 457.2X45 SA234WP22CL1	5		
6	921176120000	As per standard	RED 219.1X12.7/168.3X10.97SA234WP22CL1	8		
7	921176560000	4-80-320-73522	REDUCER OD914x47/OD813x38SA234WP22CL1	2		
8	921176570000	4-80-320-73523	REDUCER OD965x37/OD813x38SA234WP22CL1	2		
9	925045500000	As per standard	BW LR 90DEG ELL73X14.02SA234WP22CL1	3		
10	925046780000	As per standard	BW LR 90DEG ELL114.3X20SA234WP22CL1	36		
11	925053960000	As per standard	BW EQT 219.1X40SA234WP22CL1	2		
12	925057430000	As per standard	BWUEQT558.8X28.58/457.2X25SA234WP22CL1	4		
13	925057440000	As per standard	BWUEQT558.8X28.58/508X28SA234WP22CL1	2		
14	925059900000	As per standard	UNEQTEE OD813x38/168.3x10.97SA234WP22CL1	2		
15	925059910000	As per standard	UNEQTEE OD813x38/406.4x25SA234WP22CL1	2		
16	925059920000	As per standard	UNEQ TEE OD864x50/168.3x27.5SA234WP22CL1	3		
17	925173230000	As per standard	CON.RED273X45/219.1X36SA234WP22CL1	4		
18	925177020000	As per standard	BWCO.RED219.1X40/168.3X34SA234WP22CL1	1		
19	925179500000	As per standard	C.RED. 711 X 45/660 X 45SA234WP22CL1	2		
20	925179780000	As per standard	C.RED. 60.3X11.07/33.4X6.35SA234WP22CL1	70		
21	925244020000	As per standard	BW LR90DEG ELL219.1X12.7SA234WP22CL1	44		
22	925246370000	As per standard	BW LR45DEG ELL457.2X22.2SA234WP22CL1	3		
23	925246510000	As per standard	BW LR90DEG ELL88.9X17.79SA234WP22CL1	2		
24	925247900000	As per standard	BW 90 DEG LR ELBOW OD813x38SA234WP22CL1	2		
25	925248430000	As per standard	BW LR 45DEG ELL 73 X 5.16SA234WP22CL1	24		
26	925249370000	As per standard	BWLR45DEGELL660X36SA234WP22CL1	2		
27	925249560000	As per standard	BW LR 90 DEG ELL 965 X 37 SA234 WP22 CL1	4		
28	925255930000	As per standard	BWUNEQT323.9X9.53/219.1X12.7SA234WP22CL1	4		
29	925259210000	As per standard	UEQT355.6X9.53/273X9.27SA234WP22CL1	2		
30	925259930000	As per standard	UET60.3X11.07/33.4X6.35SA234WP22CL1	8		
31	925275350000	As per standard	C.RED 114.3X20/76.1X9.53SA234WP22CL1	6		
32	925275550000	As per standard	C. RED 558.8 X 28 / 508 X 28SA234WP22CL1	12		
33	925275640000	As per standard	C. RED 457.2X20/406.4X20SA234WP22CL1	1		
34	925276630000	As per standard	C.RED 406.4 X 25 / 273 X 25SA234WP22CL1	4		
35	925279370000	As per standard	C.RED 457.2X22.2/323.9X22.2SA234WP22CL1	1		
36	921043370000	As per standard	BW LR 90DEG ELL 219.1 X 28 SA234WPC	8		
37	921044540200	As per standard	BWLR90DEGELL73X5.16(WITHMPI) SA234WPB	50		
38	921044770000	As per standard	BW LR 45DEG ELL 273 X 9.27 SA234WPB	3		
39	921044970000	As per standard	BW SR 90DEG ELL 273.1 X 9.27 SA234WPB	6		
40	921174250000	As per standard	BW RED OD 368 X 40 X 273 X 32 SA234WPC	6		
41	921174260000	As per standard	BWRED OD 508X14.27/457.2X12.7 SA234WPC	5		
42	921174450000	As per standard	REDUCER 273X32/219.1X30SA234WPC	24		
43	921174510000	As per standard	CONC RED 168.3X27.5/114.3X17.12 SA234WPC	8		
44	921176370000	As per standard	RED355.6X15.09/323.9X15.09SA234WPC	3		
45	921176550000	3-80-320-28585	REDUCER OD813x31/OD559x36SA234WPC	4		
46	921176630000	As per standard	REDUCER OD457x82/323.9x56SA 234 WPC	3		

Sl NO	Material	Drawing nos	Description	qty nos	Cur	Unit rate
47	921176640000	As per standard	REDUCER OD559X16/457.2X12.7SA 234 WPB	2		
48	925041570000	As per standard	BW LR 90DEG ELL 48.3 X 10.15 SA234WPC	360		
49	925042250000	As per standard	BW SR 90DEG ELL 273 X 6.35 SA234WPB	15		
50	925042320000	As per standard	BW LR 45DEG ELL 114.3 X 13.49 SA234WPB	1		
51	925042860200	As per standard	BW LR 90DEG ELL 219.1 X 6.35 SA234WPB	24		
52	925042870200	As per standard	BW LR 90DEG ELL 273 X 6.35 SA234WPB	30		
53	925044550000	As per standard	BW LR 90DEG ELL 273 X 9.27 SA234WPC	12		
54	925045480000	As per standard	BW LR 90DEG ELL 60.3 X 5.54 SA234WPB	3000		
55	925045720000	As per standard	BW LR 45DEG ELL 508 X 9.53 SA234WPB	7		
56	925046710000	As per standard	BW LR 90DEG ELL 114.3 X 13.49 SA234WPC	180		
57	925049980000	As per standard	BW LR 45 DEG ELL 88.9X11.13SA234WPC	7		
58	925052580000	As per standard	BW EQT 273.1 X 32 SA234WPC	22		
59	925053250000	As per standard	BW EQT 355.6 X 9.53 SA234WPB	1		
60	925057480000	As per standard	BW EQT 168.3X7.11SA234WPC	6		
61	925057670000	As per standard	BW UNEQTEE 508X12.7/273X9.27/SA234WPB	2		
62	925057790000	4 80 423 62608	EQ TEE OD 508 X 64 SA234 WPC	7		
63	925058390000	As per standard	BW UNEQTEE 660 X22/ 610 X 20 SA234WPC	2		
64	925059220000	As per standard	BW UNEQTEE OD406.4X54/219.1X30 SA234WPC	3		
65	925059230000	As per standard	BWUNEQTEE OD 508X48/ 273X36 SA234WPC	1		
66	925059250000	As per standard	BWUNEQTEE OD 508X48/ 219.1X25 SA234WPC	1		
67	925059430000	As per standard	EQT OD219.1x32SA234WPC	1		
68	925059870000	As per standard	UNEQTEE OD965x34/OD114.3x6.02SA234WPC	2		
69	925059880000	As per standard	UNEQTEE OD965x34/OD323.9x12.7SA234WPC	2		
70	925059890000	As per standard	UNEQTEE OD965x34/OD406.4x16SA234WPC	6		
71	925059930000	As per standard	UNEQ TEE OD864x29/273x12.7SA 234 WPC	3		
72	925059940000	As per standard	UNEQ TEE OD457x82/323.9x56SA 234 WPC	3		
73	925059970000	As per standard	BW UNEQTEE OD 559X16/273X9.53SA234WPB	2		
74	925059980000	As per standard	BWUNEQTEE OD559X16/219.1X6.35 SA 234 WPB	2		
75	925178150000	As per standard	BWCONRED406.4X12.7/323.9X9.53 SA234WPB	8		
76	925178470000	As per standard	BW CON RED 323.9X40 219.1X28 SA234WPC	4		
77	925178910000	As per standard	BW CON.RED.219.1X30/168.3X26SA234WPC	8		
78	925178960000	As per standard	BWCON.RED 368 X 48/323.9 X 42SA234WPC	28		
79	925179610000	As per standard	BW CON RED 273X32 219.1X28 SA234WPC	1		
80	925179620000	As per standard	BW CON RED 273.1X32 114.3X17.12 SA234WPC	12		
81	925241490000	4 80 425 60980	BW LR 90DEG ELL 273 X 40 SA234WPC	2		
82	925241550000	As per standard	LR 45DEG ELL 168.3X27.5SA234WPC	3		
83	925242830000	As per standard	BW LR 90DEG ELL 813 X 10 SA234WPB	26		
84	925243010000	As per standard	BW LR 90DEG ELL 73.0 X 14.02 SA234WPC	4		
85	925243130000	As per standard	BW LR 90DEG ELL 88.9 X 11.13 SA234WPC	69		
86	925243510000	As per standard	BW LR 45DEG ELL 219.1 X 25 SA234WPC	14		
87	925246660000	As per standard	BW LR 90DEG ELL 88.9X15.24 SA234WPC	34		
88	925247910000	As per standard	BW 90 DEG LR ELBOW OD965x34SA234WPC	10		
89	925247920000	As per standard	LR 90DEG ELBOW OD323.9x56SA 234 WPC	30		
90	925247930000	As per standard	LR 90DEG ELBOW OD219x40SA 234 WPC	56		
91	925247940000	As per standard	LR 45DEG ELBOW OD219x40SA 234 WPC	8		
92	925247950000	As per standard	LR 30DEG ELBOW OD219x40SA 234 WPC	8		

SI NO	Material	Drawing nos	Description	qty nos	Cur	Unit rate
93	925247960000	As per standard	LR 45DEG ELBOW OD559x75SA 234 WPC	8		
94	925248450000	As per standard	BW LR 90DEG ELL 60.3 X 5.54 SA234WPC	50		
95	925248560000	As per standard	BW LR 45DEG ELL 114.3X13.49 SA234WPC	1		
96	925248760000	As per standard	BW LR 45DEG ELL 457.2 X 12.7 SA234WPC	26		
97	925248780000	As per standard	BW LR 45DEG ELL 273.1 X 32 SA234WPC	42		
98	925249210000	As per standard	BW LR 90 DEG ELL 368 X 40 SA234WPC	255		
99	925249220000	As per standard	BW LR 30 DEG ELL 368 X 40 SA234WPC	11		
100	925249690000	As per standard	BW LR 30 ELBOW OD 355.6 X 36 SA234WPC	2		
101	925249880000	As per standard	BW 30 DEG ELBOW OD 406.4X 56 SA234WPC	16		
102	925249920000	As per standard	BBW 90 DEG ELBOW OD 355.6X 64 SA234WPC	6		
103	925251440000	As per standard	BW EQT 168.3 X 27.5 SA234WPC	5		
104	925251910000	As per standard	BW EQTEE OD 368 X 40 SA234WPC	36		
105	925251930000	As per standard	BW UNEQTEE OD 368X40/ 273 X32 SA234WPC	12		
106	925252300000	As per standard	BW UEQT 323.9X9.53 273X9.27 SA234WPB	2		
107	925253290000	As per standard	BW EQT 88.9 X 15.24 SA234WPC	4		
108	925253310000	As per standard	BW UEQT 219.1X28 114.3X13.49 SA234WPC	6		
109	925253690000	As per standard	BW UEQT 273X32 114.3X17.12 SA234WPC	36		
110	925253720000	As per standard	BWUEQT88.9X15.24 / 60.3 X 11.07SA234WPC	3		
111	925255850000	As per standard	UNEQTEE 168.3X27.5/114.3X17.12SA234WPC	2		
112	925255880000	As per standard	BWUNEQTEE323.9X 9.53 /273X/ 6.35SA234WPB	4		
113	925255920000	As per standard	BWUNEQTEE 368 X 40/ 323.9 X 40 SA234WPC	4		
114	925259830000	As per standard	BW UEQT 114.3X17.12/88.9X15.24 SA234WPC	6		
115	925259970000	As per standard	BW UEQT 114.3X17.12/60.3X11.07 SA234WPC	2		
116	925271470000	As per standard	BW CON RED 114.3X20/88.9X15.24 SA234WPC	6		
117	925272250300	As per standard	BWCONRED406.4X9.53/323.9X9.53 SA234WPB	1		
118	925272460000	As per standard	BW CON RED 508X12.7/355.6X12.7 SA234WPB	1		
119	925273010000	As per standard	BWCONRED114.3X17.12/73X14.02 SA234WPC	1		
120	925273320000	As per standard	BWCONRED114.3X13.49/88.9X11.13 SA234WPC	13		
121	925273410000	As per standard	BW CON RED 406.4X53 368X48 SA234WPC	9		
122	925273850000	As per standard	BWCONRED457.2X14.27/406.4X14.27 SA234WPC	2		
123	925275660000	As per standard	BWCONRED219.1X25/168.3X21.95 SA234WPC	4		
124	925248270000	As per standard	BW LR 90DEG ELL 73 X 3.05 SA403WP321	11		
125	925256180000	As per standard	BW EQT 114.3 X 3.05 SA403WP304H	5		