

## The Shipping Corporation of India Ltd. , Mumbai

### TECHNICAL SERVICE ( FLEET ) DEPARTMENT

#### E-TENDER FOR EMPANELMENT OF SHIP REPAIR WORKSHOPS & FIXATION OF TARIFF RATES

GENERAL REPAIR-PIPE RENEWAL & RELATED JOBS [ RFX 9000043432]

PORT : KANDLA

NAME OF WORKSHOPS:

RATES ARE IN INDIAN RUPEES EXCLUDING ALL APPLICABLE TAXES .

VALIDITY : TWO YEARS PLUS TWO EXTENSIONS OF THREE MONTHS EACH.

RATES FOR WORKING ON SHIPS ALONGSIDE BERTH/AT STREAM/ANCHORAGE/IN DRYDOCK.

SI No	DESCRIPTION	UNIT	Estimated Annual quantity w/o any guarantee	SAP Service Codes [w/s to quote rates in SRM Portal only ]
1	<b>GENERAL</b>			
2	<b>LABOUR RATES - MAN DAYS</b>			
3	Graduate Engineer(B.E.)	PER DAY NORMAL 8 HRS	100	110000000000007214
4	Diploma Engineer	PER DAY NORMAL 8 HRS	500	110000000000007215
5	Supervisor Charges	PER DAY NORMAL 8 HRS	2000	110000000000007216
6	<b>Skilled workers</b> labour rates (inclusive of long term benefits, overheads, profits etc)	PER DAY NORMAL 8 HRS	20000	110000000000006678
	<b>Semi-Skilled workers</b> labour rates (inclusive of long term benefits, overheads, profits etc)	PER DAY NORMAL 8 HRS	20000	110000000000007217
7	<b>Un-skilled workers</b> labour rates (inclusive of long term benefits, overheads, profits etc)	PER DAY NORMAL 8 HRS	20000	110000000000006679
8	NOTE			
9	i) Commencement & completion of job should be duly endorsed by ship's staff in the time-sheet. Overtime working to be authorised by the concerned superintendent on repair specification and certified work done certificate.			
10	ii) SCI service boats to be utilised as far as possible. Non-availability of service boats to be certified by Agent/Attending Superintendent. Additional trips to be certified by ship's staff. Whenever, SCI Service Boats are not available and workshop to take own arrangement in consultation with suptd. (cost at actuals basis supporting documents)			
11	iii). Any use of Generator Set must be authorised by attending suptd. And supported by proper Repair Specification.			
12	iv) During a single call of vessel remaining partly alongside and partly at anchorage, the location allowance shall be applied on proportionate basis of job carried out at respective stay.			
13	<b>PIPEWORK :</b>			
14	<b>STRAIGHT PIPE RENEWAL</b>			
15	<b>NON-GALVANISED ERW/SEAMLESS Pipes</b>			
16	<b>ERW IS1239 HEAVY (C) Nominal Bore</b>	<b>Per meter</b>		
17	15		100	110000000000006714
19	25		20	110000000000006716
22	50		200	110000000000006719
23	65		200	110000000000006720
24	80		200	110000000000006721
25	100		200	110000000000006722
26	125		200	110000000000006723
27	150		100	110000000000006724
28	200		100	110000000000006725
30	300		100	110000000000006727
31	400		50	110000000000006728
32	<b>SEAMLESS ASTM A-53 SCH40 Nominal Bore</b>	<b>Per meter</b>		
33	15		100	110000000000006729
35	25		20	110000000000006731
38	50		200	110000000000006734
39	65		200	110000000000006735
40	80		200	110000000000006736
41	100		200	110000000000006737
42	125		200	110000000000006738
43	150		100	110000000000006739
44	200		100	110000000000006740
46	300		100	110000000000006742
47	400		50	110000000000006743

48	<b>SEAMLESS ASTM A-53 SCH80 Nominal Bore</b>	<b>Per meter</b>		
49	15		100	11000000000006744
51	25		20	11000000000006746
54	50		200	11000000000006749
55	65		200	11000000000006750
56	80		200	11000000000006751
57	100		200	11000000000006752
58	125		200	11000000000006753
59	150		100	11000000000006754
60	200		100	11000000000006755
62	300		100	11000000000006757
63	400		50	11000000000006758
64	Rates for pipe in between Nominal Bore sizes to be allowed on pro-rata basis.			
65	Quote for <b>GALVANISED</b> ERW / Seamless pipes (Dia.up to 200mm) increase over the rates of corresponding size of non-galvanised pipes.		%	10000
66	<b>PIPE BEND RENEWAL</b>			
67	<b>LONG BENDS (NON - GALVANISED)</b>			
68	<b>ERW IS1239 LONG nominal bore (mm)</b>	<b>Per piece</b>		
69	15		100	11000000000006760
71	25		100	11000000000006762
74	50		100	11000000000006765
75	65		200	11000000000006766
76	80		200	11000000000006767
77	100		200	11000000000006768
78	125		200	11000000000006769
79	150		100	11000000000006770
80	200		100	11000000000006771
82	300		100	11000000000006773
83	400		50	11000000000006774
84	<b>ASTM A-53 SCH-40 LONG nominal bore (mm)</b>	<b>Per piece</b>		
85	15		100	11000000000006790
87	25		100	11000000000006792
90	50		100	11000000000006795
91	65		200	11000000000006796
92	80		200	11000000000006797
93	100		200	11000000000006798
94	125		200	11000000000006799
95	150		100	11000000000006800
96	200		100	11000000000006801
98	300		100	11000000000006803
99	400		50	11000000000006804
100	<b>ASTM A-53 SCH-80 LONG nom bore (mm)</b>	<b>Per piece</b>		
101	15		100	11000000000006820
103	25		100	11000000000006822
106	50		100	11000000000006825
107	65		200	11000000000006826
108	80		200	11000000000006827
109	100		200	11000000000006828
110	125		200	11000000000006829
111	150		100	11000000000006830
112	200		100	11000000000006831
114	300		100	11000000000006833
115	400		50	11000000000006834
116	<b>SHORT BENDS - NON-GALVANIZED</b>			
117	<b>ERW IS1239 SHORT nom bore (mm)</b>	<b>Per piece</b>		
118	15		100	11000000000006775
120	25		100	11000000000006777
123	50		100	11000000000006780
124	65		200	11000000000006781
125	80		200	11000000000006782
126	100		200	11000000000006783
127	125		200	11000000000006784
128	150		100	11000000000006785
129	200		100	11000000000006786
131	300		100	11000000000006788
132	400		50	11000000000006789
133	<b>ASTM A-53 SCH-40 SHORT nom bore (mm)</b>	<b>Per piece</b>		
134	15		100	11000000000006805
136	25		100	11000000000006807
139	50		100	11000000000006810
140	65		200	11000000000006811

141		80		200	11000000000006812
142		100		200	11000000000006813
143		125		200	11000000000006814
144		150		100	11000000000006815
145		200		100	11000000000006816
147		300		100	11000000000006818
148		400		50	11000000000006819
149	<b>ASTM A-53 SCH-80 SHORT nom bore (mm)</b>		<b>Per piece</b>		
150		15		100	11000000000006835
152		25		100	11000000000006837
155		50		100	11000000000006840
156		65		200	11000000000006841
157		80		200	11000000000006842
158		100		200	11000000000006843
159		125		200	11000000000006844
160		150		100	11000000000006845
161		200		100	11000000000006846
163		300		100	11000000000006848
164		400		50	11000000000006849
165	Quote for <b>GALVANISED</b> ERW / Seamless bends OVER AND ABOVE corresponding size of non-galvanised bends. (in %)		%	10000	11000000000006850
166	<b>FLANGES WITH BOLTS &amp; NUTS ---FOR ERW IS 1239/SEAMLESS PIPES</b>				
167		<b>NOMINAL BORE (MM)</b>			
168		15	Each	100	11000000000007324
169		25	Each	100	11000000000007325
170		50	Each	100	11000000000007326
171		65	Each	200	11000000000007327
172		80	Each	200	11000000000007328
173		100	Each	200	11000000000007329
174		150	Each	200	11000000000007330
175		200	Each	100	11000000000007331
176		300	Each	100	11000000000007332
177		400	Each	100	11000000000007333
178	<b>FLANGES WITH BOLTS &amp; NUTS UPTO 7 KGS (SCH 40)</b>				
179		<b>NOMINAL BORE (MM)</b>			
180		15	Each	100	11000000000006881
182		25	Each	100	11000000000006883
185		50	Each	100	11000000000006886
186		65	Each	200	11000000000006887
187		80	Each	200	11000000000006888
188		100	Each	200	11000000000006889
189		125	Each	200	11000000000006890
190		150	Each	100	11000000000006891
191		200	Each	100	11000000000006892
193		300	Each	100	11000000000006894
194		400	Each	50	11000000000006895
195	<b>FLANGES WITH BOLTS &amp; NUTS FOR SCH 80 PIPES</b>				
196		<b>NOMINAL BORE (MM)</b>			
197		15	Each	100	11000000000006896
199		25	Each	100	11000000000006898
202		50	Each	100	11000000000006901
203		65	Each	200	11000000000006902
204		80	Each	200	11000000000006903
205		100	Each	200	11000000000006904
206		125	Each	200	11000000000006905
207		150	Each	100	11000000000006906
208		200	Each	100	11000000000006907
210		300	Each	100	11000000000006909
211		400	Each	50	11000000000006910
213	<b>LIGHT DUTY CLAMPS (upto SCH 40 pipes) WITH BOLTS &amp; NUTS</b>		<b>Per piece</b>		
214		<b>NOMINAL BORE (MM)</b>			
215		15		100	11000000000006851
217		25		100	11000000000006853
220		50		100	11000000000006856
221		65		200	11000000000006857
222		80		200	11000000000006858
223		100		200	11000000000006859
224		125		200	11000000000006860
225		150		100	11000000000006861
226		200		100	11000000000006862
228		300		100	11000000000006864

229		400		50	11000000000006865
230	<b>HEAVY DUTY CLAMPS (for SCH 80 pipes) WITH BOLTS &amp; NUTS</b>		<b>Per piece</b>		
231		NOMINAL BORE (MM)			
232		15		100	11000000000006866
234		25		100	11000000000006868
237		50		100	11000000000006871
238		65		200	11000000000006872
239		80		200	11000000000006873
240		100		200	11000000000006874
241		125		200	11000000000006875
242		150		100	11000000000006876
243		200		100	11000000000006877
245		300		100	11000000000006879
246		400		50	11000000000006880
247	FOR GALVANISED CLAMPS - QUOTE % INCREASE OVER NON GALVANISED CLAMPS RATES		%	10000	11000000000007218
	<b>Note:</b> Above rates will be applicable for PIPES RENEWAL IN OPEN AREA/SPACES at ACCOMODATION , ON DECK AND CARGO HOLDS etc.				
272	Quote in percentage over corresponding normal pipe line renewal rates as above, <b>FOR</b> pipes renewal in engine room below the floor plate, overhead pipes and other enclosed difficult accessible places at tanks, cargo holds, pump room. Rate includes removal of floor plate.		%	10000	11000000000006911
273	Quote for accommodation piping inside panelling over pipe line renewal rates. Rate includes removal and refitting of panelling.		%	10000	11000000000006912
274	Quote in percentage of ERW IS 1239 PIPE RENEWAL RATES for removal/cleaning and refitting per meter OF ALL TYPES of pipes with new nut/bolts and suitable joint/gasket.		%	10000	11000000000006913
275	For steam pipe renewal, <b>additional</b> cost in % over and above corresponding normal pipe renewal.		%	10000	11000000000006914
248	<b>MISC OUTFITTING WORKS</b>				
249	<b>Renewal of GUARD RAILS &amp; STANCHIONS</b>				
250		20mm dia round bar	per meter	50	11000000000007219
251		25mm dia round bar	per meter	50	11000000000007220
252		40mm dia solid bar	per meter	50	11000000000007221
253		25mmx12mm flat bar	per meter	50	11000000000007222
254		25mm dia IS 1239C heavy pipe G.I.	per meter	50	11000000000007223
255		40mm dia IS 1239C heavy pipe G.I.	per meter	50	11000000000007224
256		50mm dia IS 1239C heavy pipe G.I.	per meter	50	11000000000007225
257	NOTE : Minimum chargeable 0.5m of straight pipe for each location.				
258	Quote for per hot bend for above railing work - as % of per meter pipe/rod renewal rate.		%	100000	11000000000007226
259	<b>Removal and fairing rate (% OF RENEWAL OF ONE METER.)</b>				
260		For removal, fair and refit,	%	50000	11000000000007227
261		Fairing in place	%	50000	11000000000007228
262		Quote for fairing in place & welding REPAIR PER SPOT.	%	50000	11000000000007229
263	<b>EYE PLATE RENEWAL</b>		PER PIECE	200	11000000000007230
264	<b>VALVES-Globe Valves</b>				
265	(A) Overhauling: includes Open, clean, grind in and face up and apply appexior for examination and close with new jointing, gland packing & nuts and bolts.				
266	(B) Cost of fitting of seaT ring with owners supplied rings. (If workshop supplies seal ring, then materials at actual + material handling allowance)				
267			<b>A</b>		
268		<b>VALVE SIZE (MM)</b>	<b>Per valve</b>		
270		25		50	11000000000006682
271		50		50	11000000000006683
272		75		50	11000000000007231
274		100		50	11000000000006686
275		125		50	11000000000006687
276		150		50	11000000000006688
277		200		20	11000000000006689
278		250		20	11000000000006690
279		300		20	11000000000006691
280		350		10	11000000000006692
281		400		10	11000000000006693
283			<b>B</b>		
284		<b>VALVE SIZE (MM)</b>	<b>Per valve</b>		
286		25		50	11000000000006696
287		50		50	11000000000006697
288		75		50	11000000000007232
290		100		50	11000000000006700
291		125		50	11000000000006701

292		150		50	11000000000006702
293		200		20	11000000000006703
294		250		20	11000000000006704
295		300		20	11000000000006705
296		350		10	11000000000006706
297		400		10	11000000000006707
307	Removal & refit Only for valves' (old or new) using new nut / bolts / packing etc.- % of the corresponding valve overhauling rates.		%	10000	11000000000007233
	<b>Quote for other valves-% over Globe Valve</b>				
	Quote additional for the rates applicable for overhauling of storm valves % over the rates for Globe valves.		%	10000	11000000000007234
299	Quote additional for the rates applicable for overhauling of Gate valves % over the rates for Globe valves.		%	10000	11000000000006709
300	Quote additional for the rates applicable for overhauling of Butterfly valves % over the rates for Globe valves.		%	10000	11000000000006710
302	Percentage extra,over the in-place overhauling rate of respective valve, for taking the complete valves to the Workshop for overhaul,machining of seat rings & renewal of owner supplied seat ring, repairs and for pressure testing and fit on board.		%	10000	11000000000006711
303	Quote for overhauling valves in cargo holds, tanks and Engine Room below floor plate as a % of the globe/gate/butterfly valves overhauling rates.		%	10000	11000000000006712
305	Renewal of seat ring (owner supply) of gate and butterfly valve : quote % of respective valve overhauling rate (owner supply)		%	10000	11000000000007235
306	Overhauling of Gear Box per Valve - % of respective valve overhauling rates		%	10000	11000000000007236
304	Quote additional for overhauling of extended spindles (up to 20 Mtr) as a % of overhauling of globe/gate/butterfly valves of corresponding sizes.		%	10000	11000000000006713
308	<b>OVERHAULING OF VALVES ON BOILERS AND BOILER SYSTEM-</b>				
309	Safety valves (Face up and test valve)		PER VALVE	20	11000000000007237
310	Open up steam valve, clean, lap & present for survey and assemble and fit back including cost of consumables.				
311		VALVE SIZE (MM)			
312		15	PER VALVE	20	11000000000007238
313		25	PER VALVE	20	11000000000007239
314		50	PER VALVE	20	11000000000007240
315		75	PER VALVE	20	11000000000007241
316		100	PER VALVE	20	11000000000007242
317		125	PER VALVE	20	11000000000007243
318		150	PER VALVE	20	11000000000007244
319		200	PER VALVE	20	11000000000007245
	The above rates include renewal of water, steam jointing etc required for overhauling the valve.				
320	<b>NOTE:</b>				
322	i) Blanking of pipe to be treated as renewal of one flange of corresponding size. Blanking wherever done must be mentioned in Work Done Certificate				
323	ii) Reconditioning of flanges as % of renewal cost		50% (Fixed by SCI)		
324	iii) For pipe renewals upto a length of 0.5m the minimum chargeable rates payable would be for 0.5m length of pipe. For pipe length renewal over 0.50m and upto 1.0m the rates payable to be that for 1.0 m pipe length. Above rates will be applicable for all pipelines				
325	iv) Pipes to be pressure tested in workshop before returning on board				
326	v) Existing flanges are to be used, unless specifically given in the repair specification. However, bolts/nuts and joints of appropriate type to be renewed.				
327	vi) For partial renewal and refitting - rate on above basis for actual renewal will be charged.				
328	vii) Rates for in-between sizes (I.e nominal bore) to be arrived on pro-rata basis.				
329	viii) In all places above Renewal means Labour + Material				
330	ix) Nominal Bore means Internal Diameter (ID)				
331	<b>STAGING :</b>				
332	<b>SUSPENDED STAGING</b>				
333	Rope / steel / bamboo staging suspended from top-(width maximum 600 mm)		Per meter	2000	11000000000006287
334	<b>CONVENTIONAL STAGING</b>		Per Cub.Mtr	2000	11000000000007246
335	<b>BUILT UP STAGING</b> -For staging at extra height such as staging on main mast, Christmas tree, bridge deck etc.				
336	Upto 3 meters from bottom		Per meter	500	11000000000006288
337	Upto 7 meters from bottom		Per meter	400	11000000000006289
338	Upto 10 meters from bottom		Per meter	300	11000000000006290
339	Upto 15 meters from bottom		Per meter	200	11000000000006291
340	Upto 20 meters from bottom		Per meter	100	11000000000007247

341	<p><b>Note:</b>It is the workshop's responsibility/obligation to inform IN WRITTEN to the SCI superintendent WHENEVER the total cost of particular job based on unit tariff rates exceeds – Rs 1 Lac; for the review of superintendents as regards to feasibility of cost and time and for continuing the job further written permission to be obtained from superintendent.</p>			
342	<p><b>PLEASE NOTE ALL ALLOWANCES STATED BELOW ARE FIXED BY SCI. WHILE QUOTING THE JOB COST YOU ARE REQUESTED TO MAKE NOTE OF THIS. (Ref. Summary of SCI fixed allowances for more details)</b></p>			
1.00	<p><b>Normal Shift , Over Time, Holidays:</b>  All labour rates and Engineer / Technician rates, unless otherwise specifically mentioned, are for 8 hrs. normal shift / per day.  <b>Normal Shift :</b> from 0900 hrs to 1700 hrs ( Monday to Saturday).  1/2 Shift is payable for - 4 hours or less  Full shift is payable for - more than 4 hours and upto 8 hours.</p> <p><b>Holidays:</b> Sundays, National Holidays &amp; May 1st .</p> <p><b>Overtime allowance</b> shall be paid on basic labour cost of jobs only and at 25% on pro-rata basis [ Unless otherwise specifically mentioned in the tariff] beyond normal working hours (pls note no allowance over allowance).  <b>Note:</b>The workshop must not delay in reporting to the vessel for the sake of accumulating O.T Hours. The O.T allowances (if approved) are subject to scrutiny from the consideration of attempted delayed reporting to the vessel amongst other issues. The time, readiness given by vessel's Master/ship staff or office(user division) for carrying out the specific work entrusted with the concerned workshop shall be distinctly written and endorsed by ship staff in the time sheet and certified by the superintendent, which should be produced during submission of invoice.</p> <p>In applying O.T allowance the "break-up of cost" in case of jobs consisting of labour + material is to be considered as below:</p>			
	for Woodwork– 65% labour cost + 35% material cost			
	for Upholstery– 40% labour cost + 60% material cost			
	for Steel renewal/Steel fabrication – 50% labour cost + 50% material cost			
	for Pipe line & Flanges renewal– 35% labour cost + 65% material cost			
	for Insulation renewal and other jobs in this category – 45% labour cost , 55% material cost			
	for rewinding of motors and other equipments - 40% Labour + 60% Material			
2.00	<p><b>The location allowances:</b> have been fixed as follows and payable on basic labour component of jobs only .(No allowance over allowance)</p>			
A	<b>Mumbai Port</b>			
	Anchorage /Pirpau - 15%			
	JNPT / Nhava/ NSICT , Butcher Island - 20%			
	BFL - LPO 25 %			
	Mumbai High / Panna & Ratna fields – 30%			
B	<b>Vizag Port</b>			
	Anchorage / LPG Jetty - 15%			
	Outer Anchorage/SPM -20%			
C	<b>Chennai Port</b>			
	Anchorage/Ennore port -15%			
D	<b>Jamnagar / Vadiner/Sikka anchorage – 25%</b>			
E	<b>Kandla stream--15%.</b>			
F	<b>Kochi Port - Anchorage 15%</b>			
G	<b>Budgebudge/ Kulpi/ Diamond harbour -15%</b>			
H	In any other locations an anchorage allowance of 15%			
	<p><b>Note:</b> During a single call of vessel remaining partly alongside and partly on moorings, stream allowance shall be applied on proportionate basis for the respective stay.</p>			

3.00	<p><b>Outstation allowance</b> for jobs attended at ports other than base port. The outstation allowance of 25% would be applicable only on labour component of "basic cost of job"(i.e allowance over allowance is not allowed).This allowance is incentive for attending job at outstation- unless otherwise specifically mentioned in the tariff-</p> <p><b>Transportation cost &amp; entitlement:</b>  For Engineer/Supervisor-2AC Train fare/Bus Fare/Economy class air fare.  For Others - Non-AC Sleeper Class train fare/Bus fare</p> <p>For attending outstation jobs expenses towards transportation of men and material (to &amp; fro),wages for manpower <u>during travel time</u> will be applicable-</p> <ul style="list-style-type: none"> <li>-one normal shift charges per day per person (if travelled by train/bus i.e by road)</li> <li>-on hourly (pro-rata) basis for engineers/supervisors if travelled by air</li> <li>-plus reasonable food charges during travel time &amp; stay time (max Rs.500 per person per day)</li> <li>-lodging charges if personnel stayed at hotel (in case accommodation not available on board ship and certification in this regard by Master of vessel is required) would be payable seperately. For <u>lodging plus boarding per day per person</u> :</li> <li>-for engineers and supervisors Rs.2500/-</li> <li>-for skilled workers and labour. Rs.1000/-</li> </ul> <p><b>Miscellaneous Expenses at Outstation:</b>  Towards Custom clearance, port clearance, road taxes and other misc.expenses for out port jobs will be paid lumpsum Rs.6000/-per round trip/per port call of vessel.For transporting men &amp; material between hotel and ship at outstation (unless otherwise seperately quoted in the tariff) Rs.600 per day/per round trip is admissible.</p>
4.00	<p>For procuring and supplying (onboard vessel)of material (non-tariff) used in the course of repairs 15% allowance will be payable on cost of materials only. (Cash memos/ invoices in line with GST provisions are to be submitted for items/total costing more than Rs. 2500)</p>
5.00	<p>An allowance of 10% will be payable for mutually agreed sub-contracted services excluding materials ( ON APPROVAL OF CONCERNED USER DIVISION OF SCI) as percentage over the actual sub-contracted price.</p>
6.00	<p>At Base port only-INCIDENTAL EXPENSES, ANY OTHER MISC. EXPENSES, CUSTOM CLEARANCE ETC. IS PAYABLE AT 10% OF TOTAL BASIC LABOUR COST. Minimum of Rs. 1500/-.</p>
7.00	<p>SCI service boats to be utilized as far as possible. Whenever, SCI Service boats are not available and workshop arranges his boats service to attend the job on instruction of Superintendent of the vessel, cost approval to be taken by the concerned supdt. Such arrangement of boat services has to be certified by Vessel's</p>
8.00	<p>For any 'in-between' capacity/size equipment,rates shall be pro-rated from the rate of immediately succeeding/preceding rating(capacity) , which ever is Lower. Decision of SCI in this regard would be final and binding.</p>
9.00	<p>Workshop must submit bill within 30 calendar days from the date of completion of work.</p>
10.00	<p><b>Payment terms</b></p> <p>within 90 days (subject to change as per SCI's adopted guidelines/govt. guidelines) from the date of receipt of bill in SCI office with all the required documents and without any discrepancies .</p> <p>The tariff rates offered for 2 years with six months extension if required by SCI. The tariff rates will remain fixed during the entire contract period irrespective of any variation in labour cost, material cost and various taxes.</p>
END	