

TCN-6 TO TENDER SPECIFICATION BHEL/PSSR/SAS/SCT/T-01/2022-23 Dtd. 19.05.2022

Sub: **Providing services for Resolution of Temperature difference & Vibration issues of Steam Turbine Coal Fired Power Plant, Sendou, Bargny at Senegal TPS 1x125 MW.**

A. The following clauses are revised as below: -

Description	Existing Clause	Revised Clause
New Clause 52 of NIT Customs duty for contractors T&P	NIL	Contractor has to send the list of T&P and all information related, as well as the planned arrival and leave dates (taking into consideration mobilization, de-mobilization, both ways internal transport and execution period). The same will be submitted to customer for further submission to custom services with a request for temporary admission. After obtaining customs acceptance for temporary admission contractor will be able to collect the equipment without paying any custom clearance. Not later than the declared leave date contractor shall re-export the equipment back to India. In case of any extraordinary situation, if any charges on account of custom duty is applicable for contractors T&P, the same shall be reimbursed to contractor on submission of documentary proof. BHEL decision in admissibility of customs duty reimbursement shall be final and binding on contractor. Tentative T & P list has been annexed.

NOTE: 1. ALL OTHER CONDITIONS REMAIN UNCHANGED.

2. BIDDERS ARE REQUESTED TO CONSIDER THIS TCN AS PART OF TENDER SPECIFICATION & QUOTE ACCORDINGLY.

For and on behalf of BHEL

Sd/-

(T Sravana Kumar)
Manager/SCT

TENTATIVE LIST OF GENERAL TOOLS & PLANTS (T&P)

SCOPE OF WORK : Providing services for Resolution of Temperature difference & Vibration issues of Steam Turbine of Senegal TPS 1x125 MW Coal Fired Power Plant at Senegal TPS, Sendou, Bargny

Sl. No.	MATERIAL DESCRIPTION	SIZE	UOM	QTY	Remarks
1	LOW DUTY DE SPANNERS	6-7	nos	2	
2		8-9	nos	2	
3		10-11	nos	2	
4		12-13	nos	2	
5		14-15	nos	2	
6		16-17	nos	2	
7		18-19	nos	2	
8		20-22	nos	2	
9		21-23	nos	2	
10		24-26	nos	2	
11		24-27	nos	2	
12		25-28	nos	2	
13		30-32	nos	2	
14		32-36	nos	2	
15		36-41	nos	2	
16		41-46	nos	2	
17		46-50	nos	2	
18	LOW DUTY RING SPANNERS	6-7	nos	2	
19		8-9	nos	2	
20		10-11	nos	2	
21		12-13	nos	2	
22		14-15	nos	2	
23		16-17	nos	2	
24		18-19	nos	2	
25		20-22	nos	2	
26		21-23	nos	2	
27		24-26	nos	2	
28		24-27	nos	2	
29		25-28	nos	2	
30		30-32	nos	2	
31		32-36	nos	2	
32		36-41	nos	2	
33		41-46	nos	2	
34	SLUGGING SPANNERS	27 MM	nos	2	
35		30 MM	nos	2	
36		32 MM	nos	2	
37		36 MM	nos	2	
38		41 MM	nos	2	
39		46 MM	nos	2	
40		50 MM	nos	2	
41		55 MM	nos	2	
42		60 MM	nos	2	
43		65 MM	nos	2	
44		70 MM	nos	1	
45		75 MM	nos	1	
46		80 MM	nos	1	

47		85 MM	nos	1	
48		90MM	nos	1	
49		95MM	nos	1	
50	SINGLE END SPANNERS	36 MM	nos	2	
51		41 MM	nos	2	
52		46 MM	nos	2	
53		50 MM	nos	2	
54		55 MM	nos	2	
55		60 MM	nos	1	
56		65 MM	nos	1	
57		70 MM	nos	1	
58		75 MM	nos	1	
59		80 MM	nos	1	
60		85 MM	nos	1	
61		90MM	nos	1	
62		95MM	nos	1	
63	1/2" DR BOX BIT SETS	MM	nos	2	
64	3/4" DR BOX BITS	24 MM	nos	2	
65		26 MM	nos	2	
66		27 MM	nos	2	
67		30 MM	nos	2	
68		32 MM	nos	2	
69		36 MM	nos	2	
70		41 MM	nos	2	
71		46 MM	nos	2	
72		50 MM	nos	2	
73		55 MM	nos	2	
74		60MM	nos	2	
75		65MM	nos	2	
76	1" DR BOX BITS	60 MM	nos	1	
77		65 MM	nos	1	
78		70 MM	nos	1	
79		75 MM	nos	1	
80		80 MM	nos	1	
81	ALLEN KEYS	5 MM	nos	6	
82		6 MM	nos	2	
83		8 MM	nos	3	
84		10 MM	nos	5	
85		12 MM	nos	3	
86		14 MM	nos	4	
87		17 MM	nos	2	
88		19 MM	nos	2	
89		22 MM	nos	2	
90		24 MM	nos	2	
91		27 MM	nos	2	
92		32 MM	nos	1	
93	ALLEN KEY SET	MM	nos	2	
94	TAP SETS	4 MM	nos	1	
95		5 MM	nos	1	
96		6 MM	nos	1	
97		8 MM	nos	1	
98		10 MM	nos	1	

99		12 MM	nos	1	
100		14 MM	nos	1	
101		16 MM	nos	1	
102		20 MM	nos	1	
103		24 MM	nos	1	
104		30 MM	nos	1	
105		32 MM	nos	1	
106		36 MM	nos	1	
107		42 MM	nos	1	
108		46 MM	nos	1	
109	COPPER RODS	1"X300MM	nos	1	
110		1 1/2"X300MM	nos	2	
111		2"X300MM	nos	1	
112	NYLON RODS	1"X300MM	nos	1	
113		1 1/2"X300MM	nos	1	
114		2"X300MM	nos	1	
115	ALLUMINIUM ROD	1"X300MM	nos	1	
116		1 1/2"X300MM	nos	1	
117		2"X300MM	nos	1	
118	HAMMERS	BALL PIN	nos	4	
119		2 LB	nos	2	
120		4 LB	nos	4	
121		6 LB	nos	2	
122		8 LB	nos	2	
123		10 LB	nos	2	
124		12 LB	nos	2	
125	NYLON HAMMERS	1"	nos	2	
126		1 1/2"	nos	2	
127		2"	nos	2	
128	' T ' HANDLE	1/2"	nos	2	
129		3/4"	nos	2	
130		1"	nos	2	
131	RATCHET HANDLE	1/2"	nos	4	
132		3/4"	nos	2	
133	EXTENSION RODS	1/2" X 100 MM	nos	2	
134		1/2" X 150 MM	nos	1	
135		1/2" X 200 MM	nos	1	
136		3/4" X 100 MM	nos	1	
137		3/4" X 200 MM	nos	1	
138		3/4" X 400 MM	nos	1	
139		1" X 100 MM	nos	1	
140		1" X 200 MM	nos	1	
141	FILES	FLAT	nos	2	
142		TRIANGLE	nos	2	
143		ROUND	nos	2	
144		HALF ROUND	nos	2	
145		NEEDLE FILE	nos	1	
146	DRILL BIT BOX SET	MM	nos	1	
147	TAPPER SHANK DRILL BITS	12 MM	nos	1	
148		12.5 MM	nos	1	
149		13 MM	nos	1	
150		13.5 MM	nos	1	

151		14 MM	nos	1	
152		14.5 MM	nos	1	
153		15 MM	nos	1	
154		15.5 MM	nos	1	
155		16 MM	nos	1	
156		16.5 MM	nos	1	
157		17 MM	nos	1	
158		17.5 MM	nos	1	
159		18 MM	nos	1	
160		18.5 MM	nos	1	
161		19 MM	nos	1	
162		19.5 MM	nos	1	
163		20 MM	nos	1	
164		20.5 MM	nos	1	
165		21 MM	nos	1	
166		21.5 MM	nos	1	
167		22 MM	nos	1	
168		22.5 MM	nos	1	
169		23 MM	nos	1	
170		23.5 MM	nos	1	
171		24 MM	nos	1	
172		24.5 MM	nos	1	
173		25 MM	nos	1	
174	WOODEN SAW		nos	1	
175	CENTER PUNCHES		nos	4	
176	NUMBER PUNCH SET		nos	1	
177	LETTER PUNCH SET		nos	1	
178	HOLE PUNCH SET		nos	2	
179	CHISELS		nos	4	
180	RIGHT ANGLE	BIG	nos	1	
181		SMALL	nos	1	
182	TOOL BIT	5/8"	nos	2	
183		3/4"	nos	2	
184	HACKSAW FRAMES		nos	2	
185	TAP HANDLES		nos	2	
186	PIPE WRENCHES		nos	2	
187	SCREW SPANNERS		nos	2	
188	CIRCLIP PLIERS(IN & OUT)		nos	2	
189	NOSE PLIER		nos	2	
190	GRIP PLIERS		nos	2	
191	CUTTING PLIER		nos	1	
192	MONKEY PLIER		nos	2	
193	SCISSOR		nos	2	
194	DIVIDERS		nos	2	
195	SHIM CUTTERS		nos	3	
196	SCREW DRIVERS		nos	6	
197	AIR HOSE	1/2" X 30 MTR	nos	1	
198		3/4" X 30 MTR	nos	1	
199		1" X 30 MTR	nos	1	
200	BENCH VICE		nos	2	
201	TARPAULIN		nos	6	
202	CROW BAR		nos	2	

203	AIR HEADER		nos	2	
204	CYLINDER TROLLY		nos	1	
205	PNEUMATIC AIR GRINDER	1/4"	nos	2	
206	DIA GRINDERS		nos	2	
207	FACE ROTARY CUTTERS	8 MM	nos	4	
208		10 MM	nos	4	
209	CHAIN BLOCKS	1 TON	nos	2	
210		2 TON	nos	2	
211		3 TON	nos	2	
212		5 TON	nos	2	
213		10 TON	nos	2	
214	CHAIN LEVER BLOCKS	3 TON	nos	1	
215		1.5 TON	nos	1	
216	SLINGS	1/2" X 1 MTR	nos	4	
217		1/2" X 6 MTR	nos	2	
218		3/4" X 1 MTR	nos	4	
219		3/4" X 1.5 MTR	nos	2	
220		3/4" X 6 MTR	nos	2	
221		1" X 1.5 MTR	nos	2	
222		1" X 6 MTR	nos	2	
223		1 1/4" X 6 MTR	nos	4	
224	NYLON SLINGS	3 TON X 6 MTR	nos	4	
225		2 TON X 1 MTR	nos	2	
226		1 TON X 1 MTR	nos	2	
227	DEE SHACKELS	3/8"	nos	4	
228		1"	nos	4	
229		5/8"	nos	4	
230		3/4"	nos	4	
231		1 1/8"	nos	4	
232	EYE BOLTS	10 MM	nos	4	
233		12 MM	nos	4	
234		16 MM	nos	4	
235		20 MM	nos	4	
236		24 MM	nos	4	
237		30 MM	nos	4	
238		36 MM	nos	4	
239	SAFETY BELTS		nos	8	
240	NYLON ROPE	1/2" X 20 MTRS	nos	1	
241		3/4" X 20 MTRS	nos	1	
242	TRANSFORMER RECTIFIER	24V	nos	2	
243	SWITCH BOARDS WITH CABLE	INDUSTRIAL	nos	4	
244	SWITCH BOARDS WITH CABLE	ORDINARY	nos	4	
245	HAND LAMPS WITH CABLE (DC TYPE REQ)		nos	10	
246	GRINDING MACHINE	AG 4	nos	2	
247		AG 5	nos	2	
248		AG 7	nos	2	
249	DRILLING MACHINE	PISTOL	nos	1	
250		1/2"	nos	1	
251	MAGNETIC DRILLING MACHINE	1"	nos	1	
252	BENCH GRINDER		nos	1	

253	WELDING GENERATOR WITH REGULATOR		nos	2	
254	WELDING CABLE	50 MTR	nos	1	
255	CUTTING HOSE	1/2" X 30 MTR	nos	2	
256	CUTTING TORCH		nos	2	
257	HEATING TORCH		nos	2	
258	HEATING NOZZELS	VARIOUS SIZES	nos	7	
259	CUTTING NOZZELS	A 1/16	nos	4	
260	REGULATORS	O2	nos	2	
261	REGULATORS	DA	nos	2	
262	STUD HEATERS		nos	2	
263	LIGHTERS		nos	2	
264	CYLINDER KEYS		nos	2	
265	NRV SET		nos	2	
266	WELDING GLASSES	BLACK	nos	4	
267		WHITE	nos	4	
268	WELDING HELMETS		nos	4	
269	OUTSIDE MICROMETER	0-25 MM	nos	2	
270		0-150 MM	nos	1	
271		150-300 MM	nos	1	
272		300-400 MM	nos	1	
273		400-500 MM	nos	1	
274		500-600 MM	nos	1	
275	INSIDE MICROMETER	50-1500 MM	nos	1	
276	DEPTH MICROMETER	0-300 MM	nos	1	
277	BORE GAUGE	50-100 MM	nos	1	
278		35-65MM	nos	-	
279	SLIP GAUGE		nos	1	
280	VERNIER CALIPERS	0-150 MM	nos	1	
281		0-300 MM	nos	1	
282	TELESCOPIC GAUGE SET		nos	1	
283	DIAL GAUGES	5 MM	nos	2	
284		10 MM	nos	10	
285	MAGNETIC BASES		nos	10	
286	FEELER GAUGES	150 MM	nos	2	
287		300 MM	nos	2	
288	FEELER STRIPS	0.03 MM	nos	5	
289		0.05 MM	nos	5	
290	TAPPER GAUGES	0-15 MM	nos	1	
291		15-30 MM	nos	1	
292	SCALES	300 MM	nos	1	
293		600MM	nos	1	
294		1 MTR	nos	1	
295	BEARING SCRAPPERS	TRIANGLE	nos	2	
296		HALF ROUND	nos	2	
297	MEASUREMENT TAPE	3 MTR	nos	2	
298		5 MTR	nos	2	
299	LONG FILLER GAUGE SET	6MMX1MTR	nos	1	
300		8MMX1.5 MTR	nos	1	
301		25MMX2.5 MTR	nos	1	
302	CATENARY POT SET WITH HOSE		nos	1	
303	HYDRAULIC JACK WITH PUMP	50 TON	nos	4	

304	HYDRAULIC JACK WITH PUMP	100 TON	nos	2	
305	LEVER DIAL GAUGE	5 mm	nos	2	
306	BOLT STRETCHING DEVICE (for Foundation Anchor Bolts)		set	1	
307	FLEXIBLE SHAFT GRINDER		nos	1	
308	PNEUMATIC AIR HAMMER WITH CHISEL SET		set	1	
309	Induction heating Machine		set	1	
310	Slow Speed Balancing Machine with Tool Post and complete accessories.		set	1	
311	TOOL HOLDERS FOR FIN CUTTING		SET	1	
312	TOOL BITS FOR FIN CUTTING		SET	1	
313	PORTABLE TOOL POST		SET	1	
314	ARGON REGULATOR		NOS	2	
315	ARGON WELDING KIT		SET	1	
316	MASTER LEVEL	SMALL	NOS	1	
317	MASTER LEVEL	BIG	NOS	1	
318	SS SCRAPPERS		NOS	4	
319	MCB'S		NOS	10	
320	ELCB'S		NOS	10	
321	ELECTRODE OVENS		NOS	2	
322	LED WIRES		NOS	10	
323	FILLER WIRE 70S2		PACKETS	5	
324	MPI DEVELOPER		BOTTLES	10	
325	FLASH BACK ARRESTORS		NOS	2	
326	LPG AND OXYGEN HOSE		SETS	3	
327	SCROTH PADS		NOS	10	
328	ELECTRICAL CABLES	1.5, 4 SQMM	NOS	10	
329	FIRE BLANKETS		NOS	4	
330	FEVICOL SR 998		NOS	2	
331	PACKER PLATES		NOS	20	
332	HALOGEN LAMPS		NOS	10	

Note: Above list of T&P is tentative only. However final T&P list along with quantities shall be finalized by BHEL after discussions with customer and successful bidder, before site mobilization.