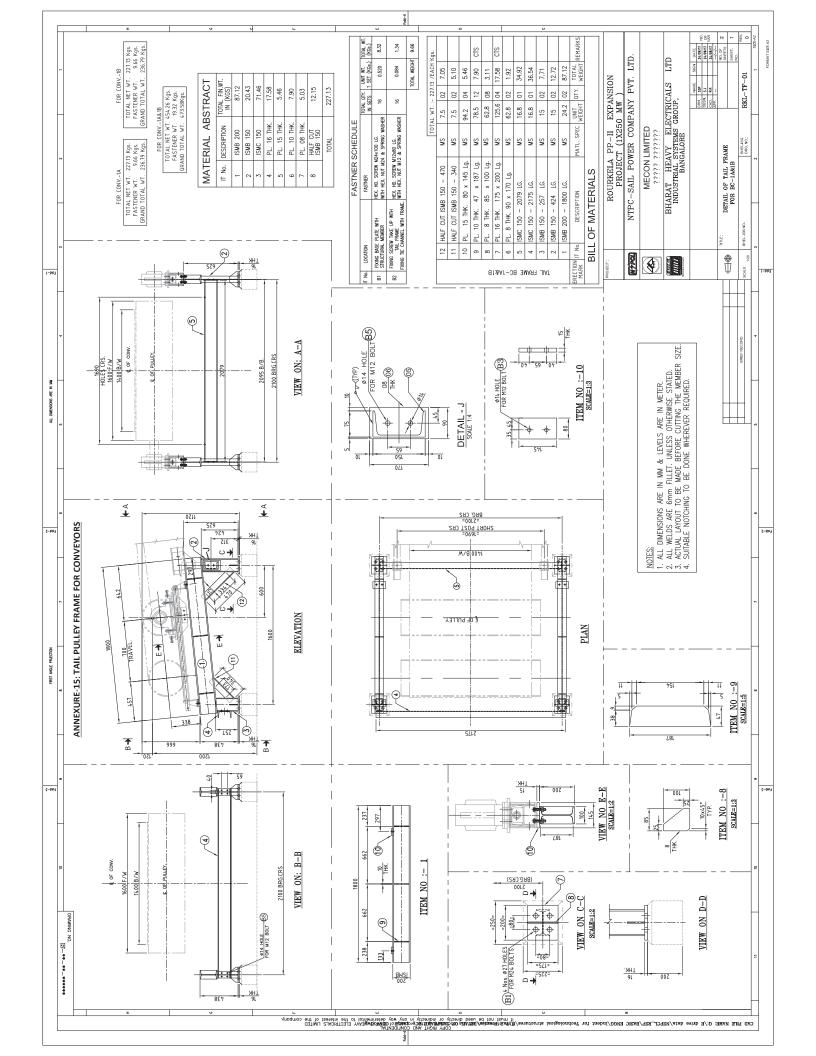
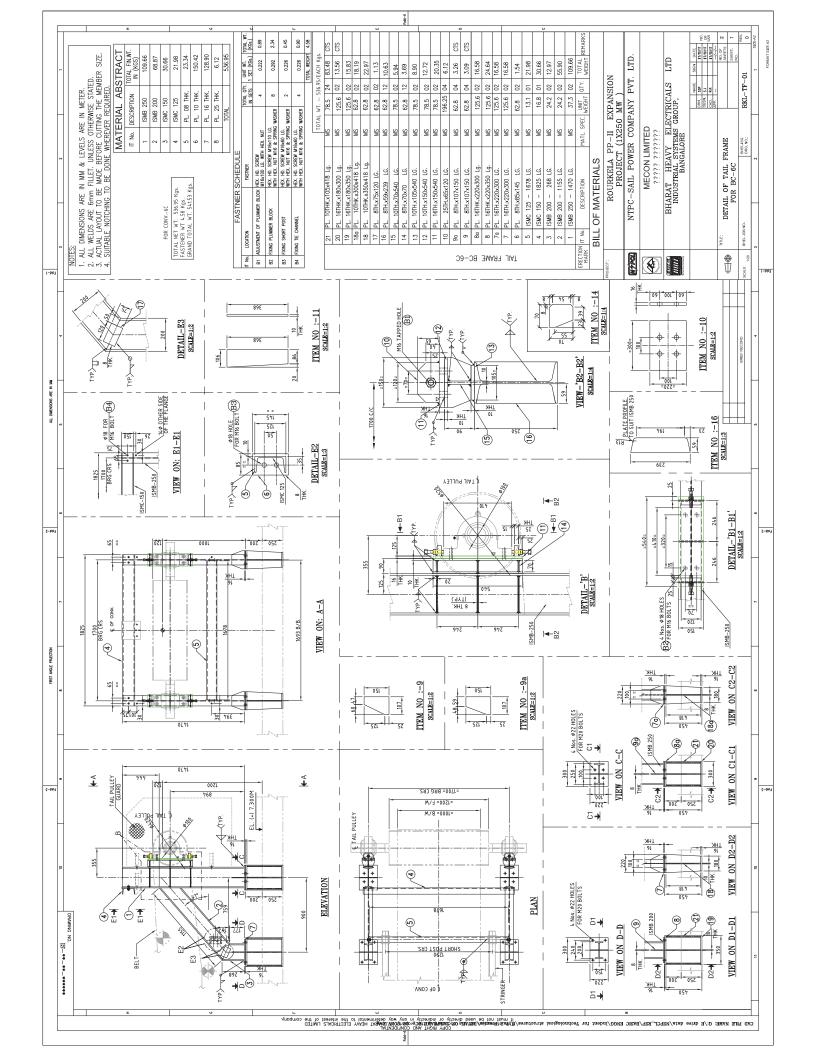
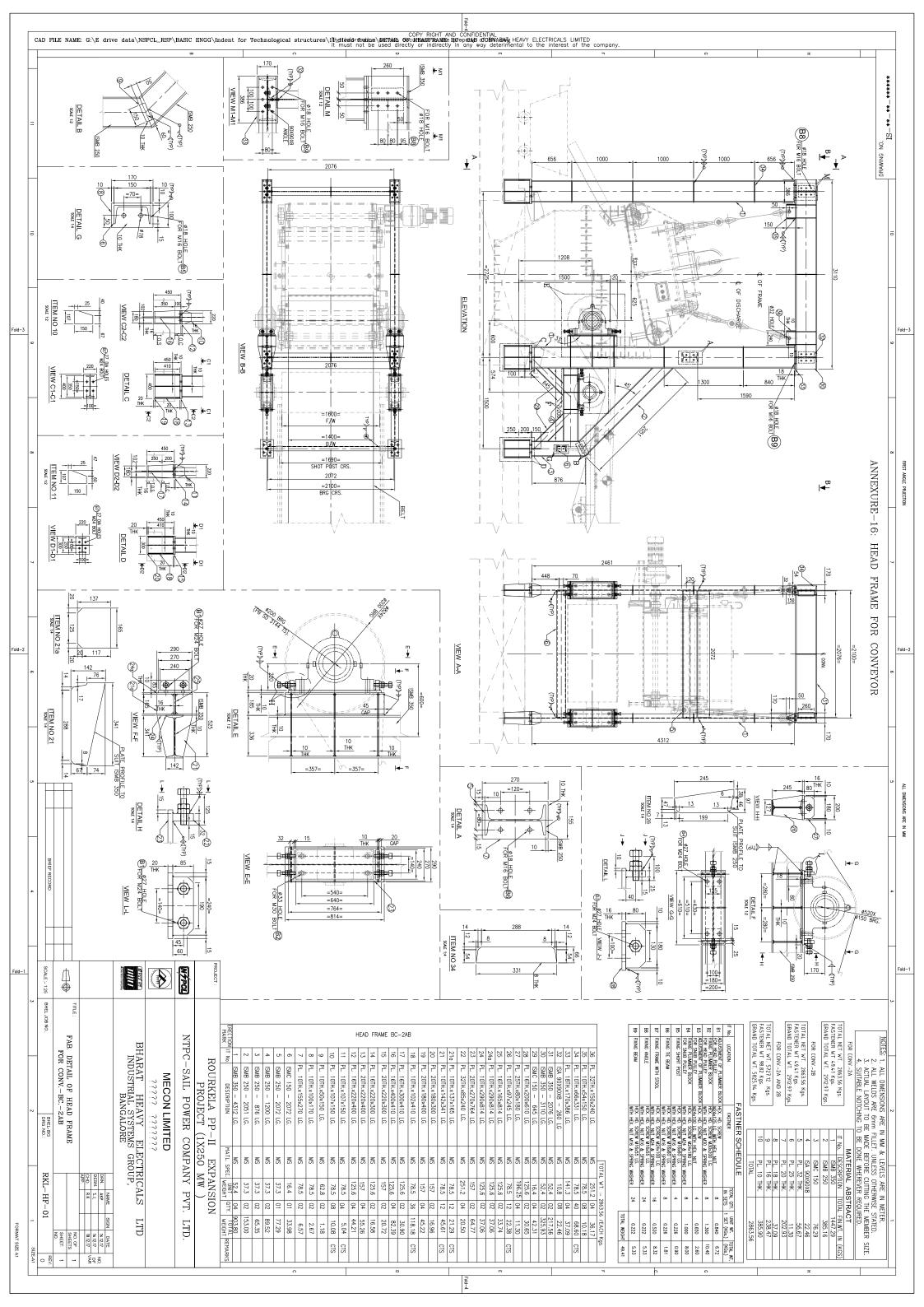
1 X 250 MW NSPCL ROURKELA TPP: TECHNOLOGICAL STRUCTURES PACKAGE Technical Amendment -01 to BHEL NIT REF 77/22/6052/VVN DATED 15.06.2022

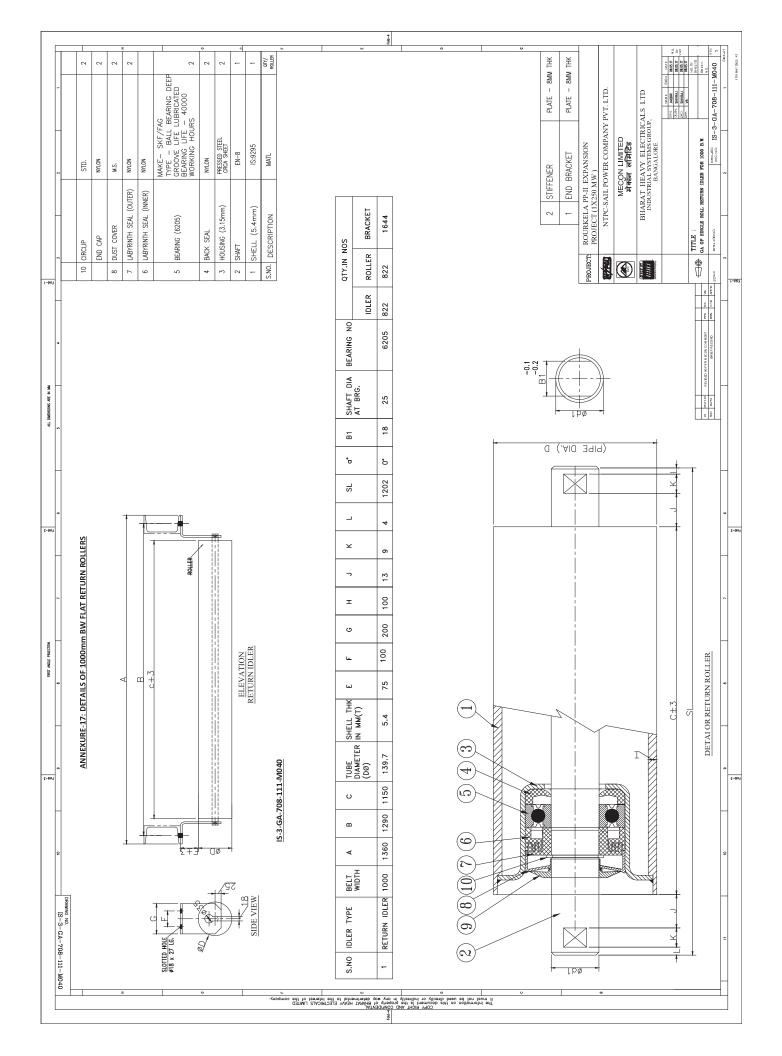
DOCUMENT NUMBER Existing Clauses	Amended Clause
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IS-1-16-2003/090	Table-1: List of items to be supplied by the bidder (Total 26 item descriptions)	Following items are added to the list: 27. 3 Nos MS fabricated tail pulley frame; Refer annexure-15 (Drawing No RKL-TF-1 which shows the details of tail frame) attached along with this amendment. Approximate total weight of 3 Nos tail frames is 0.9T. 28. 2 Nos MS fabricated head pulley frame; Refer annexure-16 (Drawing No RKL-HF-1 which shows the details of head frame) attached along with this amendment. Approximate total weight of 2 Nos head frames is 6.0T. 29. 40 Nos Flat return rollers suitable for 1000mm belt width; Refer annexure-17 (Drawing No IS-3-GA-708-111-M040 which shows the details of return idler) attached along with this amendment
BOQ	BOQ Rev.00 to be followed for pricing	BOQ Rev.01 to be followed for pricing









BOQ FOR FABRICATION & SUPPLY OF TECHNOLOGICAL STRUCTURES & CONVEYOR ACCESSORIES OF CHP (REV.01) PROJECT: CHP FOR 1 x 250 MW TPP, NSPCL-ROURKELA CUSTOMER: NSPCL-ROURKELA INDENT NUMBER:- IS-1-16-2003/090 Eanquiry No: 77/22/6052/VVN dt: 13-06-2022

I NO	DESCRIPTION	U.O.M	QUANTITY	UNIT RATE	TOTAL PRICE	WEIGHTAGE IN PERCENTAGE
LNO	Fabrication (including procurement of raw material), inspection,	U.U.M	QUANTITY	UNITRATE	TOTAL PRICE	PERCENTAGE
	painting, packing, supply, transportation to site of technological					
	structures and miscellaneous fabricated items of CHP in conjunction					
	with technical enquiry specification of the following:					
	with technical enquity specification of the following.					
1	MS fabricated DRIVE BASE FRAME (for CONVEYOR SYSTEM of BW 1400MM BW); Refer annexure-1 (Drawing No	NOS	6			5.000
	RKL-DBF-1 Rev00) which shows the typical details of drive base frame Skirt board (with 10mm MS mother plate & 10mm SAILHARD/TISCRAL liner plate) along with top cover plate					5.069
2	(made of 3mm MS plate) & supporting angles for conveyors having 1400mm belt width; Refer annexure-2	SETS	6			
	(Drawing No RKL-SKB-1 Rev00) which shows the typical details of skirt board assembly					14.829
3	MS fabricated DRIVE BASE FRAME (for BELT FEEDER); Refer annexure-1 (Drawing No RKL-DBF-1 Rev00) which	NOS	2			
	shows the typical details of drive base frame Skirt board (with 10mm MS mother plate & 10mm SAILHARD/TISCRAL liner plate) along with top cover plate		_			0.942
4	(made of 3mm MS plate) & supporting angles for belt feeders having 1800mm belt width; Refer annexure-2	SETS	2			
-	(Drawing No RKL-SKB-1 Rev00) which shows the typical details of skirt board assembly	32.13	-			4.166
5	MS fabricated DRIVE BASE FRAME (for Reversible Belt feeder of 1800MM BW); Refer annexure-1 (Drawing No	NOS	2			
	RKL-DBF-1 Rev00) which shows the typical details of drive base frame	1405	-			0.942
	Skirt board (with 10mm MS mother plate & 10mm SAILHARD/TISCRAL liner plate) along with top cover plate					
6	(made of 3mm MS plate) & supporting angles for reversible belt feeders having 1800mm belt width; Refer	SETS	2			
	annexure-2 (Drawing No RKL-SKB-1 Rev00) which shows the typical details of skirt board assembly					4.062
	BELT CHANGING ROLLER (for CONVEYOR SYSTEM of 1400MM BW) consisting of MS shell, 45C8 shaft, roller	Nos				
7	bearings and plummer blocks; Refer annexure-3 (Drawing No RKL-BCR-01 Rev00) which shows the details of belt changing roller	NOS	2			0.406
	Hardwares and fittings consisting of anchor bolts, hexagonal bolts, nuts washers etc as specified elsewhere in					0.40
8	the specification; each set shall consists of nut-bolt-washer; Refer Annexure-4: List of Hardwares & Fittings	NOS	10212			
	consisting of fixing bolts, hexagonal nuts, washers, anchor bolts etc					10.83
_	BELT CHANGING ROLLER (for CONVEYOR SYSTEM of 1000MM BW) consisting of MS shell, 45C8 shaft, roller					
9	bearings and plummer blocks; Refer annexure-3 (Drawing No RKL-BCR-01 Rev00) which shows the details of belt changing roller	NOS	1			0.25
	MS fabricated DRIVE BASE FRAME (for BCN-6C of BW 1000MM BW); Refer annexure-1 (Drawing No RKL-DBF-1					0.25
10	Rev00) which shows the typical details of drive base frame	NOS	1			0.540
11	STRINGER fabricated from ISMC 150, plates etc for 1800 BW BELT FEEDER	TONS	0.4			0.331
12	SHORT POST fabricated from ISMC 125, plates angles etc for 1800 BW BELT FEEDER	SETS	6			0.17
13	SCREW TAKE-UP WITH FRAME for 1800BW BELT FEEDER consisting of C-45 Screw spindle; Refer annexure-5 (Drawing No RKL-SCREW-01 Rev00) which shows the typical details of screw take up	NOS	4			2.96
	Technological structures consisting of STRINGER ISMC 150, SHORT POST ISMC 125,6MM PLATE FOR GUSSET					2.50
14	PLATE, 8MM PLATE FOR GUSSET PLATE, KNEE BRACING & TIE BRACING ISA 50mm, TIE BRACING ISA 65 MM FOR	MTON	30.3			
14	TRIPPER CONVEYOR; Refer Annexure-6 (Drawing No RKL-SS-01 Rev.00) for typical details of stringers and short	WITON	30.3			
	posts BCN 4A conveyor MS fabricated HGTU TROLLEY with wheels, pins and bushes; Refer Annexure-8: Details of HGTU					28.73
15	Trolley for BCN-4A (Drawing No RKL-HT-01 Rev.00)	NOS	1			0.40
	MS fabricated SHEAVE PULLEY BRACKET for HGTU BCN 4A; Refer Annexure-10: Details of HGTU Bracket (RKL-HB-					0.10.
16	01 Rev.00)	NOS	12			0.89
17	MS fabricated HOOKS FOR VGTU	NOS	18			0.938
18	SHAFT PIN made of 45C8 FOR HOOK of VGTU of diameter 32mm and length 450mm	NOS	36			0.08
19 20	SAFETY SWITCH ROPE HOOK made of 5mm GI wire MS 3.15mm thick DECK PLATE for 1000MM BW conveyors	NOS MTR	5000 150		_	1.53
	TAIL PULLEY GUARD (for 1400mm BW conveyors) fabricated from angles, wire meshes etc; Refer Annexure-11				_	6.07
21	(Drawing No- RKL-TPG-01): Typical details of tail pulley guards	NOS	11			4.17
22	FLUID COUPLING GUARD (for conveyors BCN 1A/B, BCN 2A/B, BCN3A/B, BCN4A,8C,6C) fabricated from 3.15mm	NOS	14			
	thick MS plate, angles etc inline with annexure-13 (Drawing No RKL-CG-01)	1403	17		_	0.628
23	GEARED COUPLING GUARD (for conveyors BCN 1A/B, BCN 2A/B, BCN3A/B, BCN4A,6C, BFD & RBFD) fabricated from 3.15mm thick MS plate, angles etc inline with annexure-13 (Drawing No RKL-CG-01)	NOS	19			0.426
	GUIDE ROLLER for self aligning idlers consisting of MS cap, 45C8 shaft ball bearings etc inline with annexure- 14					0.428
24	(Drawing No RKL-GC-01)	NOS	252			0.563
25	3mm thick MS plate TOP COVER OF SKIRT BOARD inline with annexure-12 (Drawing No RKL-TC)	SETS	11			0.619
26	LEAD SCREW OF SCREW TAKE UP(BCN-1AB) (C-45 material)Refer annexure-5 (Drawing No RKL-SCREW-01 Rev00)	NOS	4			
	which shows the typical details of screw take up MS fabricated tail pulley frame; Refer annexure-15 (Drawing No RKL-TF-1 which shows the details of tail frame)					1.229
27	attached along with amendment-01.	NOS	3			2.53
	MS fabricated head pulley frame; Refer annexure-16 (Drawing No RKL-HF-1 which shows the details of head	NOS	2			
28	frame) attached along with amendment	INUS	2			4.691
20	Nos Flat return rollers suitable for 1000mm belt width; Refer annexure-17 (Drawing No IS-3-GA-708-111-M040	NOS	40			
29	which shows the details of return idler) attached along with amendment TOTAL=					100,000