

Project: 1X800 MW WANAKBORI TPS,
Enquiry No. PE/PG/WAN/E-5212/2016 Dated: 16/04/2016
Package ELECTRIC HOIST

ANNEXURE-I

Price Format

Sl.no.	Description of equipment / item	Total Qty required	Unit ex-works price (duly packed) (Rs.)	Total ex-works price (duly packed) (Rs.)	Excise duty@ (Rs.)	Central sales tax against form C / VAT (Rs.)	Freight charges including service tax @ % of total ex-works price(Rs.) if any	Total FOR site price (Rs.)
1.0	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing at vendor's works, painting, supply/delivery duly packed at FOR Site including freight, for the following Electric Hoists along with Maintenance tools & tackles, commissioning spares, mandatory spares, initial fill of lubricants and all other accessories in line with drawings / documents / test procedures approved by BHEL/Customer for the total scope defined as per technical specification PE-TS-408-563-A201 taking into account all clarifications, confirmations and agreements till date.	13 nos.						
Break-up of 1.0 (1.1 to 1.19)								
1.1	Total lumpsum price of 2 Nos. Electric Hoist of 3 T cap, 8 m lift, 21.5m runway length (straight path) for VACUUM PUMP HANDLING AT EL+0.00M (MAINTENANCE TG BAY) with all accessories including isolating switch, dsl, cable from isolating switch to dsl etc.	2 nos.						
1.2	Total lumpsum price of 1 No. Electric Hoist of 3 T cap, 4 m lift, 8.5m runway length (straight path) for Booster PH with all accessories including isolating switch, dsl, cable from isolating switch to dsl etc.	1 no.						
1.3	Total lumpsum price of 1 No. Electric Hoist of 5 T cap, 8 m lift, 29 m runway length (straight path) for DMCW PUMPS (TG & SG) (AB BAY, EL+0.0M) with all accessories including isolating switch, cable from isolating switch to dsl etc.	1 no.						
1.4	Total lumpsum price of 1 Nos. Electric Hoist of 3 T cap, 6 m lift, 22m runway length (straight path) for DM PUMPS & CONDENSATE TRANSFER PUMP HOUSE with all accessories including isolating switch, dsl, cable from isolating switch to dsl,cable from isolating switch to dsl etc	1 no.						
1.5	Total lumpsum price of 1 No. Electric Hoist of 5 T cap, 8 m lift, 6 m runway length (straight path) for DRIP PUMP HANDLING with all accessories including isolating switch, cable from isolating switch to dsl etc.	1 no.						
1.6	Total lumpsum price of 1 No. Electric Hoist of 10 T cap, 9 m lift, 5m runway length (straight path) for HANDLING OF PANELS/TRANSFORMERS IN ESP BUILDING with all accessories including isolating switch, dsl, cable from isolating switch to dsl etc	1 no.						
1.7	Total lumpsum price of 2 Nos. Electric Hoist of 3 T cap, 9 m lift, 7m runway length (Straight path) for ELEVATOR MACHINE ROOM - TG HALL & SERVICE BUILDING with all accessories including isolating switch, dsl,cable from isolating switch to dsl etc.	2 nos.						
1.8	Total lumpsum price of 1 No. Electric Hoist of 1 T cap, 8 m lift, 4 m runway length (straight path) for Lube oil UNLOADING with all accessories including isolating switch, dsl,cable from isolating switch to dsl etc	1 no.						
1.9	Total lumpsum price of 1No. Electric Hoist of 15 T cap, 13 m lift, 20m runway length (straight path) for HANDLING CW BUTTERFLY VALVE with all accessories including isolating switch, dsl, cable from isolating switch to dsl etc	1 no.						
1.10	Total lumpsum price of 1 No. Electric Hoist of 10 T cap, 32 m lift, 5m runway length (straight path) for HANDLING OF PANELS AT 27.5M FLOOR IN Boiler MCC Room with all accessories including isolating switch, dsl, cable from isolating switch to dsl etc	1 no.						
1.11	Total lumpsum price of 1 No. Electric Hoist of 5 T cap, 7.5 m lift, 23 m runway length (straight path) for AC PLANT ROOM with all accessories including isolating switch, cable from isolating switch to dsl etc.	1 no.						
1.12	Total price of eight (8) sets of Commissioning Spares for 1 T,3T,5T,10T & 15T capacity Electric Hoists (Break up at ANNEXURE A)	8 sets						
1.13	Total price of one(1) set of Maintenance tools & tackles for Electric Hoists (Break up at ANNEXURE B)	1 set						
1.14	Total price of one (1) set of mandatory spares for 1T capacity Electric Hoist (Break up at ANNEXURE C)	1 set						
1.15	Total price of one (1) set of mandatory spares for 3T capacity Electric Hoist (Break up at ANNEXURE D)	1 set						
1.16	Total price of one (1) set of mandatory spares for 5T capacity Electric Hoist (Break up at ANNEXURE E)	1 set						
1.17	Total price of one (1) set of mandatory spares for 10T capacity Electric Hoist (Break up at ANNEXURE F)	1 set						

Signature
16/04/16

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Sl.no.	Description of equipment / item	Total Qty required	Unit ex-works price (duly packed) (Rs.)	Total ex-works price (duly packed) (Rs.)	Excise duty@ (Rs.)	Central sales tax against form C / VAT (Rs.)	Freight charges including service tax @ % of total ex-works price(Rs.) if any	Total FOR site price (Rs.)
1	2	3	4	5	6	7	8	
1.18	Total price of one (1) set of mandatory spares for 15T capacity Electric Hoist (Break up at ANNEXURE G)	1 set						
1.19	Total price of one (1) set of Common mandatory spares for Electric Hoist (Break up at ANNEXURE H)	1 set						
	Total from sl no. 1.1 to 1.19 (Should match with the price mentioned at 1.0)							
2.0	Break up prices							
2.1	Break up prices of sl no 1.1							
a)	Total lumpsum price of 2 Nos. Electric Hoist of 3 T cap, 8 m lift for VACUUM PUMP HANDLING AT EL+0.00M (MAINTENANCE TG BAY) with accessories.	2 nos.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	2 lot						
c)	Total price of PVC shrouded type DSL suitable for 21.5 m travel length in straight path.	2 lot for 21.5 m baylength						
d)	Total from 2.1 a) to c)							
2.2	Break up prices of sl no 1.2							
a)	Total lumpsum price of 1 No. Electric Hoist of 3 T cap, 4 m lift with straight path for Booster PH with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 8.5 m travel length in straight path.	1 lot for 8.5 m baylength						
d)	Total from 2.2 a) to c)							
2.3	Break up prices of sl no 1.3							
a)	Total lumpsum price of 1 No. Electric Hoist of 5 T cap, 8 m lift with straight path for DMCW PUMPS (TG & SG)(AB BAY, EL+0.0M) with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 29 m travel length in straight path.	1 lot of 29 m baylength						
d)	Total from 2.3 a) to c)							
2.4	Break up prices of sl no 1.4							
a)	Total lumpsum price of 1 No. Electric Hoist of 3 T cap, 6 m lift with straight path for DM PUMPS & CONDENSATE TRANSFER PUMP HOUSE with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 22 m travel length in straight path.	1 lot (each of 22 m baylength)						
d)	Total from 2.4 a) to c)							
2.5	Break up prices of sl no 1.5							
a)	Total lumpsum price of 1 No. Electric Hoist of 5 T cap, 8 m lift with straight path for DRIP PUMP HANDLING with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 6 m travel length in straight path.	1 lot of 6 m baylength						
d)	Total from 2.5 a) to c)							
2.6	Break up prices of sl no 1.6							
a)	Total lumpsum price of 1 No. Electric Hoist of 10 T cap, 9 m lift, with straight path for HANDLING OF PANELS/TRANSFORMERS IN ESP BUILDING with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 5 m travel length in straight path.	1 lot of 5 m baylength						
d)	Total from 2.6 a) to c)							
2.7	Break up prices of sl no 1.7							
a)	Total lumpsum price of 2 Nos. Electric Hoist of 3 T cap, 9 m lift, with Straight path for ELEVATOR MACHINE ROOM - TG HALL & SERVICE BUILDING with accessories	2 nos.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	2 lot						

Shreyas R
16/04/16

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c)	Total price of PVC shrouded type DSL suitable for 7 m travel length in straight path.	2 lot (each of 7 m baylength)						
d)	Total from 2.7 a) to c)							
2.8	Break up prices of sl no 1.8							
a)	Total lumpsum price of 1 No. Electric Hoist of 1 T cap, 8 m lift with straight path for Lube oil UNLOADING with all accessories including isolating switch, dsl cable from isolating switch to dsl etc	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 4 m travel length in straight path.	1 lot of 4 m baylength						
d)	Total from 2.8 a) to c)							
2.9	Break up prices of sl no 1.9							
a)	Total lumpsum price of 1No. Electric Hoist of 15 T cap, 13 m lift with straight path for HANDLING CW BUTTERFLY VALVE with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 20 m travel length in straight path.	1 lot of 20 m baylength						
d)	Total from 2.9 a) to c)							
2.10	Break up prices of sl no 1.10							
a)	Total lumpsum price of 1 No. Electric Hoist of 10 T cap, 32 m lift with straight path for HANDLING OF PANELS AT 27.5M FLOOR IN Boiler MCC Room with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 5 m travel length in straight path.	1 lot of 5 m baylength						
d)	Total from 2.10 a) to c)							
2.11	Break up prices of sl no 1.11							
a)	Total lumpsum price of 1 No. Electric Hoist of 5 T cap, 7.5 m lift with straight path for AC PLANT with accessories	1 no.						
b)	Total price of isolating switch (located at 1.5m at floor level) and power cable from isolating switch to DSL.	1 lot						
c)	Total price of PVC shrouded type DSL suitable for 23 m travel length in straight path.	1 lot of 23 m baylength						
d)	Total from 2.11 a) to c)							

NOTE

- Bidder to note that total price indicated above at 1.00 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.
- Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.
- Prices mentioned against clause no. 2.xx c) above will be taken for price adjustment due to change in bay length, if any, at actual site condition than mentioned here.
- Bidder to note that in their un-price bid, you must indicate as "QUOTED" against unit price & total price column. Price should be indicated in Price Bid only.

Signature of bidder with seal

Shreyansh
16/04/16
Project Engineer (P.O.),
Power Sector - Project Engineering Management,
PEPM Building, HRIJ & ES Complex,
Plot No. 26, Sector-10A, Noida-201 301

Project: 1X800 MW WANAKBORI TPS

Enquiry NPE/PG/WAN/E-5212/2016 Dated: 16/04/2016

Package: ELECTRIC HOIST

Price Format

ANNEXURE-A

List of Commissioning spares

Sl.no.	Description	Total quantity required	Unit	Unit ex-works price (duly packed) (Rs.)	Total ex-works price (duly packed) (Rs.)	Excise duty @ (Rs.)	Central sales tax against form C / VAT (Rs.)	Freight charges including service tax @ % of total ex-works price (Rs.) if any	Total FOR site price (Rs).
A	for 1T capacity electric hoist.	2	3	4	5	6	7	8	9
i)	Overload Relay	1	Set						
ii)	Limit Switch								
iii)	Fuse Link								
B	for 3T capacity electric hoist.	3	Sets						
i)	Overload Relay								
ii)	Limit Switch								
iii)	Fuse Link								
C	for 5T capacity electric hoist.	2	Sets						
i)	Overload Relay								
ii)	Limit Switch								
iii)	Fuse Link								
D	for 10T capacity electric hoist.	1	Set						
i)	Overload Relay								
ii)	Limit Switch								
iii)	Fuse Link								
E	for 15T capacity electric hoist.	1	Set						
i)	Overload Relay								
ii)	Limit Switch								
iii)	Fuse Link								
Total for site price for Comm. Spares									

Date: _____

Bidder's / bidder's representative signature

Company Seal

Power System Engineering & Services Pvt. Ltd.
 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

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ANNEXURE-B

List of Maintenance Tools & Tackles									
Sl.no.	Description	Total quantity required	Unit	Unit ex-works price (duly packed) (Rs.)	Total ex-works price (duly packed) (Rs.)	Excise duty@ (Rs.)	Central sales tax against form C / VAT (Rs.)	Freight charges including service tax @ % of total ex-works price (Rs.) if any	Total FOR site price (Rs.)
1	COMMON FOR ALL ELECTRIC HOISTS	2	3	4	5	6	7	8	9
1	Complete set of 6 nos. ring spanners (Indicate sizes)	1	Sets						
2	Complete set of screwdrivers (Min 6 nos, indicate size)	1	Sets						
3	Adjustable Spanner	1	no.						
4	Line tester	1	no.						
5	Insulated plier	1	no.						
6	Grease gun	1	no.						
7	Oil gun	1	no.						
	Total FOR site Price of A.								

Note: - 1) The tools shall be supplied in one tool box.

2) Any additional tools and tackles required for maintenance shall be supplied.

Date: _____

Bidder's / bidder's representative signature

Company Seal

POWER Sector - Project: 1X800 MW WANAKBORI TPS
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 Bidder's / bidder's representative signature
 Company Seal
 Bid No. 25, Section - A, H-141-201-301

Project: 1X800 MW WANAKBORI TPS
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ANNEXURE-C

List of Mandatory spares for 1T

Sl.no.	Description	Total quantity required	Unit ex-works price (duly packed) (Rs.)	Total ex-works price (duly packed) (Rs.)	Excise duty @ (Rs.)	Central sales tax against form C / VAT (Rs.)	Freight charges including service tax @ % of total ex-works price (Rs.) if any	Total FOR site price (Rs.)
1	Bearings for long travel wheels:	2 sets						
2	Bearings for gear boxes for each type of hoist	2 sets						
3	Break liners for all the brakes	100% of total population of each type & size						
4	Oil seals	100% of total population of each type, size rating						
5	Brake springs for all brakes	100% of total population of each type, size rating						
6	Solenoid coils for brakes (If applicable)	2 sets						
7	Overload relay for motors	2 Nos.						
8	Limit switches for hoists and travel mechanisms	2 sets						
9	Spare motors for hoists	2 nos.						
10	Long travel machinery							
	i. Gear wheel	1 set						
	ii. Internal clip	2 Nos.						
	iii. Pinion	1 No.						
	Total FOR Site price for Mandatory spares for 1 TON							

The lists of spares indicated are for the type equipment generally used in thermal power plants. If the design or type of equipment proposed by the bidder is different, then the bidder shall suit the spares list according to the type of equipment. However, the numbers or quantity of spares, indicated shall not be reduced.

All essential spares shall be supplied as per the requirement of the specifications. In case any spare indicated in the specification is not applicable for particular equipment then suitable applicable alternate spare have been offered / shall be supplied without any financial implication.

Any change or variation in equipment or systems during detailed engineering stage which would cause changes / variations in the essential spares quantity, shall be supplied by Vendor without any commercial implications

For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.

Any item which is "not applicable" in the above list and is found to be "applicable" at a later date shall be supplied by the Vendor without any extra cost.

If any of the items of spares/tools & tackles ordered is found to be not applicable during detailed engineering stage/execution stage, the contractor will have to supply alternative items of spares/tools & tackles. The alternative items of spares/tools & tackles are to be mutually agreed between the PURCHASER and VENDOR

Date: _____

Bidder's / bidder's representative signature _____

Company Seal _____

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ANNEXURE-G

List of Mandatory spares for 15T

Sl.no.	Description	Total quantity required	Unit ex-works price (duly packed) (Rs.)	Total ex-works price (duly packed) (Rs.)	Excise duty@ (Rs.)	Central sales tax against form C / VAT (Rs.)	Freight charges including service tax @ % of total ex-works price (Rs.) if any	Total FOR site price (Rs).
1	Bearings for long travel wheels:	2 sets						
2	Bearings for gear boxes for each type of hoist	2 sets						
3	Break liners for all the brakes	100% of total population of each type & size						
4	Oil seals	100% of total population of each type, size rating						
5	Brake springs for all brakes	100% of total population of each type, size rating						
6	Solenoid coils for brakes (If applicable)	2 sets						
7	Overload relay for motors	2 Nos.						
8	Limit switches for hoists and travel mechanisms	2 sets						
9	Spare motors for hoists	2 nos.						
10	Long travel machinery							
	i. Gear wheel	1 set						
	ii. Internal clip	2 Nos.						
	iii. Pinion	1 No.						
	Total FOR Site price for Mandatory spares for 15 TON							
1	The lists of spares indicated are for the type equipment generally used in thermal power plants. If the design or type of equipment proposed by the bidder is different, then the bidder shall suit the spares list according to the type of equipment. However, the numbers or quantity of spares, indicated shall not be reduced.							
2	All essential spares shall be supplied as per the requirement of the specifications. In case any spare indicated in the specification is not applicable for particular equipment then suitable applicable alternate spare have been offered / shall be supplied without any financial implication.							
3	Any change or variation in equipment or systems during detailed engineering stage which would cause changes / variations in the essential spares quantity, shall be supplied by Vendor without any commercial implications							
4	For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.							
5	Any item which is "not applicable" in the above list and is found to be "applicable" at a later date shall be supplied by the Vendor without any extra cost.							
6	If any of the items of spares/tools & tackles ordered is found to be not applicable during detailed engineering stage/execution stage, the contractor will have to supply alternative items of spares/tools & tackles. The alternative items of spares/tools & tackles are to be mutually agreed between the PURCHASER and VENDOR							

Signature
16/04/16

Date: _____
 Bidder's / bidder's representative signature

Company Seal

List of Common Mandatory spares

Sl.no.	DESCRIPTION OF EQUIPMENT/ ITEM	Qty	Unit ex-works price (duly packed) (Rs.)	Total ex-works price (duly packed) (Rs.)	Excise duty@ (Rs.)	Central sales tax against form C / VAT (Rs.)	Freight charges including service tax @ % of total ex-works price(Rs.) if any	Total FOR site price (Rs).
1	Electrical Items							
1.1	415 Volt Motor (Upto 30 KW Rating)							
a	Driving End & Non-Driving End Bearing	3 Set for each type and rating of Motor						
b	Cooling Fan	2 Nos. for each type and rating of Motor						
c	Motor Terminal Block	5 Nos. for each type and rating of Motor						
d	Complete Set of Coupling	1 Set of each application						
2	C&I Items							
2.1	Push Button							
2.1.1	Complete Assembly	5 Nos for each colour						
2.1.2	Contact Element (1NO+1NC) Block	20 Nos.						
2.2	Selector Switch	10 Nos for each type and rating						
2.3	Meter (Analog or digital)							
2.3.1	Ammeter	10% for each type & range or minimum 1 no. whichever is more						
2.3.2	Voltmeter	10% for each type & range or minimum 1 no. whichever is more						
2.3.3	Frequency	10% for each type & range or minimum 1 no. whichever is more						
2.3.4	MW	10% for each type & range or minimum 1 no. whichever is more						
2.3.5	MVAR	10% for each type & range or minimum 1 no. whichever is more						
2.3.6	Power Factor	10% for each type & range or minimum 1 no. whichever is more						
2.3.7	Synchroscope	10% for each type & range or minimum 1 no. whichever is more						
2.4	Indicating Lamps complete assembly	10 Nos. of each colour & type						
2.5	Mimic Lamps	10 Nos. of each colour & type						
2.6	MCB	2 Nos. for each type and rating						
2.7	Door limit Switch	2 Nos.						
2.8	Annunciation System							
2.8.1	Lamp Box with Facia & Lamps (LED Type)	25 Nos						
2.8.2	Hooter	1 No.						
2.8.3	Each Type of PCB (for non-PLC driven system)	1 No.						
3	Wire ropes for hooks	100% installed on each hoist						
A.0.0	Total (sl no. 1 to 3)							
1	The lists of spares indicated are for the type equipment generally used in thermal power plants. If the design or type of equipment proposed by the bidder is different, then the bidder shall suit the spares list according to the type of equipment. However, the numbers or quantity of spares, indicated shall not be reduced.							
2	All essential spares shall be supplied as per the requirement of the specifications. In case any spare indicated in the specification is not applicable for particular equipment then suitable applicable alternate spare have been offered / shall be supplied without any financial implication.							
3	Any change or variation in equipment or systems during detailed engineering stage which would cause changes / variations in the essential spares quantity, shall be supplied by Vendor without any commercial implications							
4	For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.							
5	Any item which is "not applicable" in the above list and is found to be "applicable" at a later date shall be supplied by the Vendor without any extra cost.							
6	If any of the items of spares/tools & tackles ordered is found to be not applicable during detailed engineering stage/execution stage, the contractor will have to supply alternative items of spares/tools & tackles. The alternative items of spares/tools & tackles are to be mutually agreed between the PURCHASER and VENDOR							

Swapan 2
16/04/16

