

ANNEXURE - 7.2

EQUIPMENT CLEANING IN COAL HANDLING PLANT AT CHP-2

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Sl. No.	Location/ Area	UOM	1st Yr Cost		
			Qty.	Unit Rate (Rs)	Total (Rs.)
1	Cleaning of Conveyors at CHP-2 : a. Cleaning of conveyor & conveyor parts & equipments of both the streams i.e. Gear box, fluid coupling, motor, Head pulleys & head end snub pulley area, OBMS, seal & deck plates, walk ways, discharge hood top, receiving skirt board top, Tail pulley & tail end snub pulley etc. but conveyor side Drains excluded. (This shall carry 80% weightage of the item rate) b. Cleaning of take up floors, its stair case and handrails ,Counter weight and frames,below sand pit area etc. of both the streams (this shall carry balance 20% weightage of the item Rate)				
1.01	Cleaning of Conveyor BC - 11A / 11B with Belt weigher ,Metal detector & SM trapped scraps	No.s	52		
1.02	Conveyor BC - 12A / 12B		52		
1.03	Conveyor BC - 13A / 13B		52		
1.04	Conveyor BC - 14A / 14B with OBMS 1 / 2		52		
1.05	Conveyor BC - 15A / 15B		52		
1.06	Conveyor BC - 16A / 16B		52		
1.07	Conveyor BC - 17A / 17B		52		
1.08	Conveyor BC - 18A / 18B		52		
1.09	Conveyor BC - 19A / 19B		52		
1.10	Conveyor BC - 20A / 20B		52		
1.11	Conveyor BC - 21A / 21B		52		
1.12	Conveyor BC - 22A / 22B		52		
1.13	Conveyor BC - 23A / 23B		52		
1.14	Conveyor BC - 24A / 24B		52		
1.15	Conveyor BC - 25A / 25B		52		
1.16	Conveyor BC - 26		52		
1.17	Conveyor BC - 27&28 (Emergency Reclaim Conveyor)		52		
1.18	Stacker Reclaimer Conveyors (Intermediate, Boom Conveyor with equipments)		52		

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2	<p>Cleaning of Conveyor side drain (under ground / over ground): Cleaning of conveyor side drain by taking out the gratings & put it back after cleaning. The slurry coal taken out of the drain shall be disposed (either put it on back on conveyor belt after it is semi dried , or disposing by tractor at designated location within 2KM, as per direction of the EIC or his representative)</p> <p>Cleaing of 500 mtrs of drain on either side of the conveyor shall be treated as one unit</p>				
2.01	Conveyor Side drain besides BC - 11A/11B	No.s	24		
2.02	Conveyor Side Drain besides Stacker Reclaimer conveyor (BC - 26)	No.s	24		
2.03	Conveyor Side drain of BC - 27 (Emergency Reclaim conveyor)	No.s	24		
3	<p>Cleaning of Transfer Houses/Building Cleaning of all floors including all the take up floors, Flap gate/FD floors, landing stair case and its handrails , ground floors, debris chutes and its discharge area,scraps removal on each floor including disposal of spilage coal in the conveyor,or dispose at designated location by traccor within 2KM, as directed by EIC or his representative.</p>				
3.01	Cleaning of TP - 11 (including MB-1 & MB-2, Pent house)	No.s	40		
3.02	Cleaning of TP - 12	No.s	40		
3.03	Cleaning of TP - 13	No.s	40		
3.04	Cleaning of TP - 14	No.s	40		
3.05	Cleaning of TP - 15	No.s	40		
3.06	Cleaning of TP -16	No.s	40		
3.07	Cleaning of TP-17	No.s	40		
3.08	Cleaning of TP-18	No.s	40		
3.09	Cleaning of TP-19	No.s	40		
3.10	Cleaning of TP-20	No.s	40		
3.11	Cleaning of TP-21	No.s	40		
3.12	Cleaning of TP-22	No.s	40		
3.13	Cleaning of Coal Bunker House -1	No.s	40		
3.14	Cleaning of Coal Bunker House -2	No.s	40		
3.15	Cleaning of Coal Bunker House -3	No.s	40		
3.16	Cleaning of Coal Bunker House -4	No.s	40		
3.17	Cleaning of Yard conveyor Drive House	No.s	40		
3.18	Cleaning of Crusher House	No.s	40		
3.19	Cleaning of Pump House -1	No.s	40		
3.2	Cleaning of Pump House -2	No.s	40		

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Sl. No.	Location/ Area	UOM	1st Yr Cost		
			Qty.	Unit Rate (Rs)	Total (Rs.)
4.1	<u>Cleaning of Settling Pit near TRH-2</u> Cleaning of Settling pit manually by engaging persons or with the help of JCB. The slurry coal shall be disposed at designated location by tractor within 2KM as advised by the EIC or his representative. All the enabling jobs (removal of guards, hand rails etc. & fixing back after completion of job etc.) are included in the job.	No.s	6		
4.2	<u>Cleaning of Settling Pits near Stacker Drive house</u> Cleaning of Settling pit manually by engaging persons or with the help of JCB. The slurry coal shall be disposed at designated location by tractor within 2KM as advised by the EIC or his representative. All the enabling jobs (removal of guards, hand rails etc. & fixing back after completion of job etc.) are included in the job.	No.s	6		
5	<u>Cleaning of Sump pump pits</u> Cleaning of sump pump pits at different locations of CHP-2, manually. The slurry coal shall be disposed at designated location by tractor within 2KM as advised by the EIC or his representative. All the enabling jobs (removal of guards, hand rails etc. & fixing back after completion of job etc.) are included in the job. Each sump pump pit (having multiple pumps fitted) shall be treated as one unit	No.s	150		
6	<u>Cleaning of DE System, ducts etc</u> Cleaning of complete ducts, hoppers, equipments, external and internal coal deposits, clearing of valves, DE fans, Hoppers by broom / belcha / cloths / wire brush of the jammed VGF. (Complete one time cleaning will be considered as one unit)	No.s	6		
7	<u>Cleaning of Vibro Grizzly Feeder (VGF) & Rack & pinion gate (RPG)</u> Manual cleaning of the VGF & the RPG including the surrounding areas, connecting chute passages. Cleaning of one VGF & one RPG shall be treated as one unit.	No.s	620		
8	<u>Cleaning of Vibro Grizzly Feeder(VGF) & Crushers at CHP-2</u> Cleaning of VGF and crusher internal and external by water jet, broom / belcha / cloths / wire brush of the choked VGF & crushers. Cleaning of Top RPG and below chutes and FG area (Cleaning of each VGF and crusher till BCN-15 receiving points as mentioned above will be treated as one unit)	No.s	350		
9	<u>Cleaning of Paddle Feeder</u> Cleaning of Paddle Feeder with its adjoining working areas by broom / belcha / cloths / wire brush/Air pressure. Cleaning of one Paddle feeder will be treated as one unit	No.s	340		
10	<u>Track hopper Grating Cleaning</u> :Cleaning of complete Track Hopper Grating area during unloading of rake & post unloading of rake, irrespective of over-dimensional coal & stone being present in the wagons. Note : The unit cost shall not vary irrespective of No. of wagons per rake, which may vary from 35-60	No.s	2700		
11	<u>Cleaning of Jammed Conveyor</u> Cleaning of jammed conveyors (in the event of belt snapping, or any abnormal situation), by removing the excess coal, clear it back on the conveyor, dispose it by tractor within 2KM, as per the advice of the EIC or his representative.	No.s	255		

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12	Cleaning of Jammed Chutes Clearing the jammed chutes (discharge & receiving) of any conveyor in abnormal conditions like belt snapping or overflow due to chute blocks etc. to be cleared manually. The cleared material shall be cleared from the floor by putting back on conveyor belt, or removing by tractor, as per direction of EIC or his representative.	No.s	310		
13	Coal Sampling from Crusher House/ Crusher house Auto Coal Sampler Collection of coal sample following standard sampling procedure, prepare sample for testing, hand over at WTP Plant, the sample testing location.	No.s	2645		
14	Coal Sampling from Track Hopper Collection of coal sample following standard sampling procedure, prepare sample for testing, hand over at WTP Plant, the sample testing location.	No.s	251		
15	Sampling from Stock pile at CHP-2 Draw samples from the stock piles at CHP - 2, prepare individual samples (Stock pile wise), send to WTP for testing. <u>Drawing samples from one stock pile of about 100 mtr length is considered one unit.</u>	No.s	162		
16	Clearing Hot Spots at Stock Pile Spraying Fire water with Fire Hose / Water Monitor at affected locations of coal stock pile for quenching the hot spots (fire affected zones of stock piles) & make the stock pile free of hot spots. <u>Single time clearing of the complete stock pile (100 mtr L x 50 mtr W) will be treated as one unit</u>	No.s	1100		
17	Cleaning of Flap gates/Bucket wheel discharge /Boom discharge- both/single side upto 2 mtr up and down if accumulation is there for one day(24 hour). <u>(Complete one time cleaning will be considered as one unit)</u>	No.s	11059		
18	Cleaning of Water storage tanks at Pump house - 1, 2 Manual cleaning of the tank of debris, sludge etc. by water washing. <u>Cleaning of all three tanks will be treated as one unit</u>	No.s	4		
19	Cleaning of roof mounted Potable and service water tanks at CHP-2 Cleaning of All 15 no.s tanks(Drinking water tank-7 nos. and Service water tank -8 nos.) by water washing will be treated as one unit.	No.s	6		
20	Cleaing of All Cable Racks at CHP-2 Cleaning of all cable racks for each conveyors including it associated equipment for both for A and B-route at CHP-2, adjacent to conveyors by broom / crowbar / compressed air jet is considered as one unit.	No.s	118		
TOTAL VALUE EXCLUDING GST					

NOTE FOR BIDDERS:

Bidder shall quote only for 1st year. Annual Price escalation for 2nd year shall be 5% on 1st year price. Similarly, Annual Price escalation for 3rd year shall be 5% on 2nd year price.