Internal Memo no. 912-163 – construction Date: 20-10-2023

Subject: Usage of pumps

Key words: Pumps, Self priming pump, Submersible pump, Pressure Booster pump.

1. Purchase & Installation of different types of pumps has been standardized. The Details are given herein.

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| Sl.  No. | Description of item | Details of use |  | SKU no. | Appx.  Cost in Rs. |
|  | Mono block self priming pump | For Dewatering curing purpose | & | PLUM2237-Plumbing-Dewatering self priming Mono block pump 3phase -KirloskarSP1HM-2HP -Nos | 9,468/- |
|  | Mono block self priming pump | For Dewatering curing purpose | & | PLUM6047-Plumbing-Dewatering self priming Mono block pump 1phase -1HP -Nos | 21,856/- |
|  | Mono block self priming pump | For Dewatering curing purpose | & | PLUM7959-Plumbing- self priming Mono block pump 3phase-5HP -Nos | 40,170/- |
|  | Mono block self priming pump | For Dewatering curing purpose | & | PLUM8991-Plumbing-Dewatering self priming Mono block pump 3phase -3HP -Nos | 12,196/- |
|  | Borewell Submersible pump | To pump water from bore well to UG sump | | PLUM1504- Plumbing -Borewell submersible pump-1 phase -1 HP-Nos | 18,158/- |
|  | Borewell Submersible pump | To pump water from bore well to UG sump | | PLUM1159- Plumbing -Borewell  (90mtrs) Submersible pump -3phaseNos | 26,178/ |
|  | Borewell Submersible pump | To pump water from bore well to UG sump | | PLUM-3437 -Plumbing-Bore well submersible pump-3 phase -7.5HP | 55,482/- |
|  | Borewell Submersible pump | To pump water from bore well to UG sump | | PLUM5988 -Plumbing -Borewell submersible pump- 1 phase -1.5HP | 11,182/- |
|  | Open well submersible pump | To pump water from UG sump to OHT | | PLUM1340- Plumbing -Open well submersible pump 3 phase- KOSM 235-2HP-Nos | 28,822/- |
|  | Open well submersible pump | To pump water from UG sump to OHT | | PLUM3455-Plumbing -Open well submersible pump-1 phase -KOSI 135- 1HP-Nos | 8,850/- |
|  | Open well submersible pump | To pump water from UG sump to OHT | | PLUM4290-Plumbing-Open well submersible pump-3 phase KOS335 3HP-Nos | 23,791/- |
|  | Open well submersible pump | To pump water from UG sump to OHT | | PLUM1937-Plumbing-Open well  submersible pump- Kirloskar-7180 5HP-Nos | 15,863/- |
|  | Open well submersible pump | To pump water from UG sump to OHT | | PLUM4083-Plumbing-Open well submersible pump- 3phase-KSBVO250-2-7.5HP -Nos | 35,577/- |
|  | Horizontal open well  submersible pump | To pump water from UG sump to OHT | | PLUM1231- Plumbing -Horizontal open well submersible pump -6 stage3 phase -3HP-Nos | 33,158/- |
|  | Horizontal open well  submersible pump | To pump water from UG sump to OHT | | PLUM1531- Plumbing -Horizontal open well submersible pump -4 stage1 phase -2HP-Nos | 17,936/- |
|  | Horizontal open well  submersible pump | To pump water from UG sump to OHT | | PLUM3482- Plumbing- Horizontal open well submersible pump-6 stage- 3hp 1phase-Nos | 48,400/- |
|  | Pressure  Booster pump | To increase the water pressure | | FIRE1752-Fire&safety -Pressure  Booster pump-Kirloskar-KDS 134812.5HP-Nos | 48,400/- |
|  | Dewatering sewage cutter pump auto | Cutter pumps are engineered to handle heavy-industrial waste, raw sewage, and general wastewater classification. Their design eliminates chances of clogging commonly caused by oversized materials such as aluminium cans, plastic bottles, cables, ropes, fabrics, and all flushable products. | | PLUM3458-Plumbing-Dewatering sewage pump auto 1phase 1HP -Nos | 10,519/- |
|  | Dewatering sewage cutter pump auto | Cutter pumps are engineered to handle heavy-industrial waste, raw sewage, and general wastewater classification. Their design eliminates chances of clogging commonly caused by oversized materials such as aluminium  cans, plastic bottles, cables, ropes, fabrics, and all flush-able products. | | PLUM5131-Plumbing-Dewatering sewage cutter pump auto 3phase  1.75HP -Nos | 33,837/- |
|  | Dewatering sewage cutter pump auto | Cutter pumps are engineered to handle heavy-industrial waste, raw sewage, and general wastewater classification. Their design eliminates chances of clogging commonly caused by oversized materials such as aluminium cans, plastic bottles, cables, ropes, fabrics, and all flush able products. | | PLUM8358-Plumbing-Dewatering sewage cutter pump auto-KirlosakrEterna 1800BW-2.5HP 1 phase -Nos | 37,288/- |
|  | Borewell Submersible pump | To pump out underground surface water for site clearance. | | PLUM9102-Plumbing -  Borewell(15mt)submersible pump1phase-KSB Cora 2C/7-0.5HP-Nos | 13,527/- |
|  | Borewell Submersible pump | To pump water from bore well to UG sump | | PLUM9711-Plumbing -  Borewell(30mt)submersible pump3phase-KSB Cora 7D/7C/10-2HP-Nos | 22,064/- |
|  | Borewell Submersible pump | To pump water from bore well to UG sump | | PLUM2034-Plumbing -  Borewell submersible pump3phase-KSB Cora 7C/25-5HP-Nos | 32,786/- |
|  | Borewell Submersible pump | To pump water from bore well to UG sump | | PLUM3949-Plumbing -  Borewell(150mt)submersible pump-  3phase-KSB Cora 2C/30-2HP-Nos | 25,345/- |

Notes:

1. Different types of pumps have to be used in construction side to remove / Lift water from different locations.
2. HP of the pump depends upon the head up to which the water has to be lifted and also the routing of the pipe line.
3. Correct usage of the pumps increases the efficiency of work being executed.

Soham Modi

