

Date: 20-06-2024

CORRIGENDUM

Tender Ref No	IITH/CE/SURIYAP/2024/O/T012
Tender ID	2024_IITH_807877_1
Name of Tender	Twin Shaft Mixer
Reason of Corrigendum	Tender Cancellation

Description	Existing	Amended To
Tender Status	0 Bids Received	Cancellation of Tender

Annexure-01

TWIN SHAFT MIXER 0.5 CuM -TSM- 750/500, FERT code: 104220000141

Sl. No	Parameters	Spec.	Unit
1	Loading capacity	750 ltrs	Litres
2	Compacted concrete for per batch	500 ltrs	Litres
3	Motor to gearbox coupling type	4 nos V-Belt (2+2)	-

4	Gearbox to gearbox coupling type	Flexible Coupling	-
5	Main shaft Speed	27	rpm
6	Mixing arms (Gray cast iron castings - 600/3)	6+6 @ 90°	-
7	Scraper arms (Gray cast iron castings - 600/3)	2+2	-
8	Mixing blades material, hardness & thickness	Hi-Chrome Casting, 54 to 58 HRC, 25mm	mm
9	Scraper blades material, hardness & thickness	Hi-Chrome Casting, 54 to 58 HRC, 25mm	mm
10	Bottom liners material, hardness & thickness	Ni-Hard castings, 54 to 58 HRC, 15.5mm	mm
11	Side liners material, hardness & thickness	Ni-Hard castings, 54 to 58 HRC, 12mm	mm
12	Maximum aggregate size & it's percentage	80mm/10% max.	mm / %
13	Weight of mixer without Top cover	1900	kg
14	Noise level without load/with load	90(without load)	dB
15	Hydraulic power pack for discharge gate opening	1 No	-
16	Manual emergency for discharge gate	1 No	-
17	No of gate position sensors & type of sensors	2 no's/ Electrical - Limit Switch	
18	Auto greasing with central lubrication system	1 No	-
19	No. of auto greasing points	4 points	-
20	AGS pump capacity	LUBX-24 - 24 VDC Worm Geared Motor-15 W	
21	AGS grease tank capacity	4 kgs	
Electrical parameters			
1	Motors input power supply type and phase	Alternating current, 3 phase	AC
2	Motors supply voltage with tolerance	415 ± 10 %	Volts
3	Supply Frequency with tolerance	50 ± 5%	Hertz
4	Mixer motor starting method	Star-Delta starting	-
5	Mixer motor capacity	9.3 X 2	kW
6	Hydraulic power pack motor starting method	Direct online starting	-
7	Hydraulic power pack motor capacity	0.75	kW
8	Hydraulic power pack solenoid operating voltage	24 VDC	Volts
9	Motors insulation class	F	Class
10	Motors IP protection	55	IP
11	Motors duty cycle	Continuous	S1
12	Motors efficiency class	IE2	-
13	Auto greasing system input power supply type and phase	Alternating current, Single phase	AC
14	Auto greasing system supply voltage with tolerance	230 ± 10 %	Volts
15	Auto greasing system fault feedback signal	Yes	-
18	Mixer discharge gate position feedback signals	Yes	-

19	Mixer discharge gate position feedback signal voltage and type	24 VDC	Volts
20	Motors data sheet and test certificates	Yes	-