Government of West Bengal
Irrigation & Waterways Directorate
Office of the Executive Engineer
Metropolitan Mechanical & Electrical Division
JalasampadBhawan (10th floor)
Bidhannagar, Kolkata – 91
Email Id:- eemmediwd@gmail.com

Memo No.: 254/1T-1/2021-22 **Date: 16.12.2021**

1st CORRIGENDUM AGAINST e-NIT No.- WBIW/EE/MMEDEoI-01/2021-2022

Due to some unavoidable circumstances the following changes have been made in connection with e-NIT No.-WBIW/EE/MMED/EoI-01/2021-2022(e-Tender ID: **2021_IWD_355979_1**circulated vide this office Memo No.- 250/1T-1 dated 14.12.2021.

Sl.No of e-NIT		Please read	In place of
page	point no.		
15.	4.0 Instructions to bidders	SubmissionofApplication The EOI document can be downloaded from www.wbtenders.gov.infrom 22.12.2021 after 15.00 Hrs on wards. Last date & time of submission of online bid electronically through the e-procurement portal of Govt. of West Bengal is on 07.01.2022 till 17:00Hours (IST).	SubmissionofApplication The EOI document can be downloaded from www.wbtenders.gov.infrom10.12.2021 after 17.00 Hrs on wards. Last date & time of submission of online bid electronically through the e-procurement portal of Govt. of West Bengal is on 07.01.2022 till 17:00Hours (IST).
1.	BOQ – Item no.01	Supply, delivery, storing at site installation,testing & commissioning of **Inclined Turbine axial/mixed flow** ,non pull out type, continuous rating **Inclined Turbine pump** complete with bowl assembly, column pipe assembly, discharge tee, base plate, motor stool, thrust bearing assembly etc. and all accessories conforming to the latest revision of IS 1710 : 1989 & IS 5600: 2002 along with **Squirel Cage vertical flange mounting Induction Motor** of rated 55KW , 1000 r.p.m.,3 ϕ, 415 V 50 Hz AC supply with voltage variation of ±10 % and frequency variation ±3 % ,TEFC as per latest version of IS 325,IS 4722, IEC 60034. Pump shall be designed to be protected against reverse direction of rotation suitable for following duties and conforming to detalaied specification and enclosed G.A drawing including two coats of painting with approved paint. Pump should be suitable for pumping solid bearing liquid such as wastewater,industrial discharge, storm or canal drainage etc. **A. Pump details:** a) Pump capacity - 1529.11 M^3 / Hr. b) TDH (maximum) = 6.00 MWC c) Column pipe dia. = 400mm d) Material of Coloumn pipe--MS e) Range of operation - 70% to 120% of duty point flow	Supply, delivery, storing at site installation,testing & commissioning of **Inclined Turbine axial/mixed flow** ,non pull out type, continuous rating **Inclined Turbine pump** complete with bowl assembly, column pipe assembly, discharge tee, base plate, motor stool, thrust bearing assembly etc. and all accessories conforming to the latest revision of IS 1710 : 1989 & IS 5600: 2002 along with **Squirel Cage vertical flange mounting Induction Motor** of rated 55KW , 1000 r.p.m.,3 ϕ, 415 V 50 Hz AC supply with voltage variation of ±10 % and frequency variation ±3 % ,TEFC as per latest version of IS 325,IS 4722, IEC 60034. Pump shall be designed to be protected against reverse direction of rotation suitable for following duties and conforming to detalaied specification and enclosed G.A drawing including two coats of painting with approved paint. Pump should be suitable for pumping solid bearing liquid such as wastewater,industrial discharge, storm or canal drainage etc. **A.Motor details:** a) Rating : 55 KW b) Sync. Speed : 1000 rpm c) No. of pole = 06 d) Supply voltage - 415 (± 10 %)

		d) Motor speed = 1000 R.P.M. e) Lubrication & cooling = self water g) Bowl efficiency = 82% (Minimum) h)Sump data: minimum submergence over bottom of suction bell = +1.4 M, C/L delivery pipe - (+)5.8 M **B.Motor details:** a) Rating : 55 KW b) Sync. Speed : 1000 rpm c) No. of pole = 06 d) Supply voltage - 415 (± 10 %) e) Supply frequency - 50 (± 5%) f) Efficiency Class - IE2 g)Duty - Continuous (S1) h) Enclosure : TEFC i) Insulation Class : 'F' j) Temperature rise : Limited to Class 'B' k) Design Ambient Temperature : 50^{o} C l) Degree of Potection : IP 55 m) Starting Method : DOL	e) Supply frequency - 50 (± 5%) f) Efficiency Class - IE2 g)Duty - Continuous (S1) h) Enclosure : TEFC i) Insulation Class : 'F' j) Temperature rise : Limited to Class 'B' k) Design Ambient Temperature : 50^{o} C l) Degree of Potection : IP 55 m) Starting Method : DOL

Executive Engineer
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I & W Dte., Govt. of West Bengal.

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Copy forwarded for information and wide circulation to: -

1) The Chief Enginee (M&E), I&W Directorate, Govt of West Bengal.
2) The Superintending Engineer, Mechanical & Electrical Circle, I&W Dte., Govt. of West Bengal.
3) The Executive Engineer, Metropolitan Electrical Division, I&W Dte., Govt. of West Bengal.
4) The Executive Engineer, Metropolitan Drainage Mechanical Division, I&W Dte., Govt. of West Bengal
5) The Assistant Engineer, Metropolitan Mechanical& Electrical Division
6) The Accounts Section, The Estimating Section, Notice Board of Metropolitan Mechanical & Electrical Division.

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