No.KOPT/KDS/CIV/T/2335/1268 **Dated: 20.06.2019**

CORRIGENDUM-I

Ref. **Tender Notice No.:** KOPT/KDS/CIV /T/2335/86/1
E Tender No. 2019_KoPT_473478_1

Name of Work :- Design, engineering ,supply and installation of water sprinkling system including supervision, operation and maintenance period of one year for dust suppression of coal stock piles at Coal berth area of KPDocks and Alifnagar area of NS Dock,Kolkata Dock System.

Page Ref.	In place of	To be read as
Page 35 Clause/SL No. 12	The height of the sprinklers will commensurate with height of the coal stock pile. The height of the coal stock pile will be 5-9 metres.	The height of the sprinklers will be such that it can serve the purpose of sprinkling of coal stock piles of height 5m to 9 **m**
Page 35 Clause/Sl. No. 10.	The design consideration for pipe "E.R.W./MS., heavy weight pipe & fittings as per IS1239P-I-II. If design consideration with HDPE pipes the same should confirm IS : 4984	The design consideration for pipe "E.R.W./MS., heavy weight pipe & fittings as per IS1239P-I-II. **The pipes supplied should be ISI marked & of reputed make like TATA ,Jindal or equivalent.**
Page 34 Clause/Sl. No. 4	Sprinklers should have minimum discharge of 350 litres/minute. The design should be such that four sprinkler at a time can work in case of eventualities like fire etc. However in normal operation one sprinkler or two sprinkler will work in series.	Sprinklers should have minimum discharge of 350 litres/minute. The design should be such that **2 (two)** sprinkler can work at a time. **The sprinkler stand post should be accompanied by Quick release coupling in a certain interval of around 50M & not exceeding 60M. The Material for construction of sprinklers should confirm relevant IS code or ASTM.**
Page 19 Clause 4 of Sec 6 (Scope of Work)	One number solenoid valve and one No. globe valve shall be provided in each sprinkler for auto operation	One number solenoid valve and one No. globe valve shall be provided in each sprinkler for auto Operation**. The MOC for valves for 65 NB & above will be of Cast Iron IS: 210 GR:FG-200 flange type. For valve 50 NB & Below gun metal conforming to IS:318 GR-2.**
Page 34 Cl.6	A report on quality of Dock water is furnished below. However, before submission of final design bidders are to carry out testing on their own.	A report on **tentative** quality of Dock water is furnished below**. As the report being indicative one**, before submission of final design bidders are to carry out testing on their own.
Page-34 Clause.2	Specification for Pump & motor set is to be mentioned.	The pump to be supplied should be of reputed make like Kirloskar,Mather & Platt,Sam turbo, Flowmore,KSB or equivalent brand. The following will be MOC of Pumps i) Pump Type-Centrifugal. ii)Casing-Cast Iron:IS:210,FG-260 iii)Impeller & wearing ring- Bronze Conforming IS-318,GR.I iv) Shaft-Medium Carbon Steel. V) Shaft Sleeve-Stainless steel;AISI-416. Vi) Gland Packing-Impregnated Teflon. The strainer will be of SS-316 & body will be of

		Cast Iron ,IS-210
P-35 Technical Specification	**8 .** M.S. pipe line is to be protected with 2mm. Thick wrapping tape as per IS-102221. 9 Heavy duty Hume pipes are to be laid for protection of pipelines as per Requirements. 10. 415V AC/50HZ power supply will be provided unto Pump House. 11. Specification for different Electrical items are to be mentioned separately	**13**. M.S. pipe line is to be protected with 2mm. Thick wrapping tape as per IS-102221**. The painting of Stand Post ,over ground pipes & fixtures will be as follows:** **Primer coat-2 coats of red oxide Zinc chromate Primer.** **Finish Coat-2 coats of synthetic enamel.** **Total DFT-120 Micron.(minimum)** **14**. Heavy duty Hume pipes are to be laid for protection of pipelines as per Requirements **15.** Specification for different Electrical items are to be mentioned separately
Page-19 Clause-4 Section-3	The scope of work will include design, supply and installation of pumps, pipelines, construction of pump house/ control room, sprinkler system, pipe lines for suction & delivery, strainers, filtration unit, valves all complete. However necessary layout,design drawing will have to be supplied by the Party.	The scope of work will include design, supply and installation of pumps, pipelines, Construction & painting of pump house/ control room, sprinkler system, pipe lines for suction & delivery, strainers, filtration unit, valves all complete **as per approval of Engineer-in Charge.** However necessary layout,design drawing will have to be supplied by the Party.
Page-21	Penalty for Breakdown of Service : (i) No penalty will be imposed if attended within 24 hours of breakdown. (ii) After 24 hours penalty will be imposed @ 25% of daily Operation cost. (III) After 3days penalty will be imposed @ 50% of daily Operation cost. (iii) After 7 days penalty will be imposed @ 100% of daily Operation cost The contractor will maintain logbook for regular operation	Penalty for Breakdown of Service : (i) No penalty will be imposed if attended within 24 hours of breakdown. (ii) After 24 hours penalty will be imposed @ 25% of daily Operation cost. (III) After 3days penalty will be imposed @ 50% of daily Operation cost. (iii) After 7 days penalty will be imposed @ 100% of daily Operation cost. **Operation cost for one year will be calculated on the basis 5% of quoted price & will be applicable against the quoted price for each work site.** The contractor will maintain logbook for regular operation

All other terms & conditions and Clauses will remain same as per original

Superintending Engineer
For मुख्य अभियंता / Chief Engineer