

NEW TOWN KOLKATA DEVELOPMENT AUTHORITY

(A Statutory Authority Under Government of West Bengal)
3, Major Arterial Road, New Town, Kolkata - 700 156

Memo No. 34/2 /NKDA/Engg-36/2010 (VII)

Date: 21/06/2016

CORRIGENDUM-II

Sub: Implementation (Supply, Installation, Testing & Commissioning) of an Automated Vacuum Refuse Collection System on Turn-key basis in Eco-Park, New Town, Kolkata along with 05 (five) years comprehensive operation and maintenance.

Ref : Notice Inviting e-Tender No. WBNKDA/ 06/ EE – I/NKDA/ 2015-16 /4th Call circulated vide this office memo no. 2600/NKDA /Engg-36 /2010 (VII) dated 17/05/2016 of New Town Kolkata Development Authority, 03, MAR, New Town, Kolkata-700156 and subsequent corrigendum issued thereon

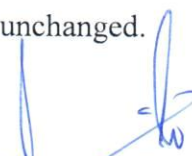
This is to notify that due to unavoidable circumstances the following Corrigendum are made with reference to above NleT.

Sl. No.	Description	As is	Would be
1	Tender Document of NleT Section – D <u>TECHNICAL SPECIFICATIONS</u> <u>(COLLECTION AND CONVEYANCE)</u> SI No. 1. <u>GENERAL</u> Sl. No. 1.2 Project Data and Design Assumptions SI No. 1.2.ii	The total number of outdoor disposal units should be 30 (15 pairs of organic and one non-organic waste inlets each)	The total number of indoor collection units should be 28 (14 pairs of organic and one in-organic waste inlets each), irrespective of whatever nos has been shown in the drawing.
2.	Tender Document of NleT Section – D <u>TECHNICAL SPECIFICATIONS</u> <u>(COLLECTION AND CONVEYANCE)</u> SI No. 1. <u>GENERAL</u> Sl. No. 1.2 Project Data and Design Assumptions SI No. 1.2.iv	The total number of inspection openings should be 33, used for maintenance with 7 outdoor inlet valves	The total number of inspection openings should be 32, used for maintenance with 7 outdoor inlet valves
3.	Tender Document of NleT Section – D <u>TECHNICAL SPECIFICATIONS</u> <u>(COLLECTION AND CONVEYANCE)</u> SI No. 1. <u>GENERAL</u> Sl. No. 1.2 Project Data and Design Assumptions SI No. 1.2.iv	The total number of 90 KW exhausters should not be less than 3.	The total number of 75 KW exhausters should not be less than 4.

<p>4.</p>	<p>Tender Document of NleT Section – D <u>TECHNICAL SPECIFICATIONS</u> <u>(COLLECTION AND</u> <u>CONVEYANCE)</u> Sl No. 6. AIR WASTE SEPARATOR :</p>	<p>6.1 The air waste separator is used to separate the waste and air and shall be installed on the upper level of the CWHF.</p> <p>6.2. Solid waste and air transported in the transport pipe shall be separated by the air waste separator in the collection station. The air waste separator shall be used for the primary separation of waste from transport air. The air waste separator shall be of a hopper like cyclone-type in order to maximize separation efficiency. The separator casing shall be fabricated of mild steel. The separator shall be equipped with anti vibration mountings for noise reduction. The separator shall be equipped with at least 2 nos. of inspection opening.</p> <p>6.3. The hopper like cyclone of the air-waste separator shall be made from mild steel.</p>	<p>6.1 The air waste separator made of mild steel will used to separate the waste and air and shall be installed on the upper level of the CWHF.</p> <p>6.2. Solid waste and air transported in the transport pipe shall be separated by the air waste separator in the collection station. The air waste separator shall be used for the primary separation of waste from transport air. Self-compaction with the self weight of the waste should be achieved in the container with inbuilt screen separator for separating waste from the air that carries the waste.</p>
<p>5.</p>	<p>Tender Document of NleT Section – D <u>TECHNICAL SPECIFICATIONS</u> <u>(COLLECTION AND</u> <u>CONVEYANCE)</u> Sl No. 8. TERMINAL / COLLECTION STATION</p>	<p>The terminal (collection station) is to be designed to collect two fractions of waste (wet /organic and dry/in-organic waste). The dimension of the collection station building should be around 19.0 m × 16.0 m. The height of the building shall not be less than 5.0 meters. Besides this is the height that is necessary for the maneuver of truck for loading and unloading of containers.</p>	<p>The terminal (collection station) is to be designed to collect two fractions of waste (wet /organic and dry/in-organic waste). The dimension of the collection station building should be around 15.0 m × 12.0 m. The height of the building shall not be less than 4.0 meters. The truck should be able to maneuver for loading and unloading of containers.</p>

<p>6. Tender Document of NleT Section – D TECHNICAL SPECIFICATIONS (COLLECTION AND CONVEYANCE) SI No. 04.HIGH VOLUME EXHAUSTERS / FANS FOR CREATING THE SUCTION PRESSURE SI No. 4.5</p>	<p>The exhausters should have a rating of 90 KW or above. They should have adequate foundation arrangement with attachment bolts and alignment spanners and shall have anti-vibration mountings.</p> <p>The exhauster should be able to create differential pressure into the waste transport pipe. Once the pipe is under negative pressure, the air valves should activate allowing the airflow at a speed of 18-24 m/s. The transporting waste should achieve a speed of 50-70 km/h.</p> <p>The impeller should be activated through an electric motor that has a shaft bearing for the connection and the equipment is operated by variable frequency drives from the central station control system. The exhauster design should be based on specific network layout and inlet configuration. The exhausters may be connected in series in order to increase the exhaust capacity. Exhausters should have a bespoke functional design. Number of exhausters should be based on duty plus one in standby.</p> <p><u>EQUIPMENT SPECIFICATIONS:</u></p> <ul style="list-style-type: none"> ▪ Nominal Motor power capacity 90 kW or above. ▪ Weight 1,600 Kg Approx. ▪ Control Variable Frequency drive. <p><u>STANDARDS :</u> Quality Standard: ISO 9001:2000. Manufacture: HANSA Ventilatorenbau GmbH & Co. KG or equivalent Country of Origin: Germany (EU)</p>	<p>The exhausters should have a rating of 90 KW or above. They should have adequate foundation arrangement with attachment bolts and alignment spanners and shall have anti-vibration mountings.</p> <p>The exhauster should be able to create differential pressure into the waste transport pipe. Once the pipe is under negative pressure, the air valves should activate allowing the airflow at a speed of 18-24 m/s. The transporting waste should achieve a speed of 50-70 km/h.</p> <p>The impeller should be activated through an electric motor that has a shaft bearing for the connection and the equipment is operated by variable frequency drives from the central station control system. The exhauster design should be based on specific network layout and inlet configuration. The exhausters may be connected in series in order to increase the exhaust capacity. Exhausters should have a bespoke functional design. Number of exhausters should be based on duty plus one in standby.</p> <p><u>EQUIPMENT SPECIFICATIONS:</u></p> <ul style="list-style-type: none"> ▪ Nominal Motor power capacity 75 kW or above. ▪ Weight 1,600 Kg Approx. ▪ Control Variable Frequency drive. <p><u>STANDARDS :</u> Quality Standard: ISO 9001:2000. Manufacture: HANSA Ventilatorenbau GmbH & Co. KG or equivalent Country of Origin: Germany (EU)</p>
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Other terms and conditions of the NleT shall, however, remain unchanged.

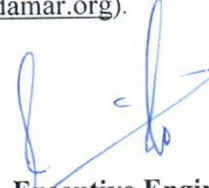

Executive Engineer – I
New Town Kolkata Development Authority

Memo No. 34/2 /1(9) /NKDA/Engg-36/2010 (VII)

Date: 31/2/06/2016

Copy forwarded for information and necessary action to :-

1. The Chief Executive Officer, New Town Kolkata Development Authority.
2. The Chief Engineer, New Town Kolkata Development Authority.
3. The Superintendent Engineer (M/E), New Town Kolkata Development Authority
4. The Finance Office, New Town Kolkata Development Authority.
5. The Assistant Engineer-I/II, New Town Kolkata Development Authority.
6. The Estimator/Sr. Accountant/Cashier, New Town Kolkata Development Authority
7. P.A to the Chairman, New Town Kolkata Development Authority.
8. Office Notice Board.
9. Official Website of New Town Kolkata Development Authority (www.nkdamar.org).



Executive Engineer – I

New Town Kolkata Development Authority

