

CORRIGENDUM

The following decisions/amendments were made during the Pre-Bid Meeting held on 3.08.2018 at 3.30 PM at 16th Floor, Palika Kendra, New Delhi.

Name of work: Purchase/Procurement Fabrication of Vehicles.

Sub Head : Providing and Installation of 4 Nos. Mist Spraying (Cannon) Machine to Curb the Pollution in NDMC area.

Tender ID No. 2018_NDMC_155763_1

NIT uploaded by NDMC on 27.07.2018 – Date of opening: 9.08.2018

(1) M/s Hyco International

Sr. No.	Queries raised by M/s Hyco International	Contents of the tender	Clarification/ Amendments
01.	In various places of Tender Notice & Scope of Supply it is mentioned as Procurement Fabrication of Vehicle SH/Trolley basis of Vehicle Mounted or Tractor Towed Machine. However the scope of work should be "Providing & Installation of 4 nos. Mist Spraying Cannon Machine Tower mounted to curb the Pollution of NDMC Area".	<p>Providing and installing of Mist Spraying Machine (FOG CANNON) of FENGUA/ FOGCO/ HENNLICH make with throw of 100 meters (without wind) having 2 rings of multi- nozzles and having the following technical specifications.</p> <p>Range(m) 100 Meters (without wind)</p> <p>Coverage Area (m2) 27,000-31,000 m2</p> <p>Nozzles q-ty (pcs) 80 Nos. (2 Rings)</p> <p>Fan (kw) 37 kw Pump (kw) 22 kw Power Supply.</p> <p>Three phase, 380V/50Hz</p> <p>Water Pressure (bar)10-35 (optional)</p> <p>Water Consumption(l/min)120-160 Liters / min</p> <p>Turning horizontal (Degree)320 degree</p> <p>Pitching raise & Lower -10 degree + 45 degree</p> <p>Droplet Size (micron meter)30-200 micron meter</p> <p>Control method Touch panel & Small Inverter</p> <p>This unit is to be installed at a base platform prepared by the agency at its own cost along with making provision for drawing/suction way/line for water e.g; puncturing the roof/side of the underground water reservoir or connecting with the source of water with required pipe line and making good the site, providing & fixing necessary electric cables for the machine from the NDMC source & its components/accessories including control panel etc. as per the site requirement. However, water source would be indicated/specified by the NDMC. Electricity connection at one</p>	The scope of work "Providing & Installation of 4 nos. Mist Spraying Cannon Machine Tower mounted to curb the Pollution in NDMC Area".

		<p>point would be provided by the NDMC. This job comprises of comprehensive maintenance of the complete machine for the first year including providing round-the-clock requisite staff for maintenance of the machine. The agency would keep the machine in good and working condition at all times by providing all the spare parts, POL, tools/tackles , manpower (round the clock), mechanical/ electrical/ electronic /civil parts & nothing extra would be paid to the agency. Third party inspection of this machine would be carried out by M/s RITES LIMITED at the cost of the agency & nothing extra would be paid for this job.</p>	
02.	<p>As per Past Performance Clause similar work means "Mist Spraying Canon Tractor Tower Machine. However, it should be "Mist Spraying Cannon of same or higher capacity Truck Mounted/Trolley Mounted/Tower Mounted/Wall Mounted/ Tractor Mounted".</p>	<p>Similar work means Mist spraying cannon tractor towed machine</p>	<p>The similar work means Mist Sprayer Water Canon Stationery Machine.</p>
03.	<p>The height of the Tower is not mentioned. It should be specified that "height of the Tower will be between 5 to 7 mtrs depending upon the site condition. However, if NDMC requires the height to be above 7 mtrs extra cost will be paid to the contractor on pro rata basis".</p>	<p>The height of tower is not mentioned in the NIT</p>	<p>The height of the tower between 5 Mtrs. to 7 mtrs depending upon the site requirement.</p>
04.	<p>The size of reservoir to be provided by contractor was not specific. Please specify that "1 lac Ltr water tank is to be provided by contractor along with extra pump is required. Since 1 lac ltr single tank is not available ready in the market it could be multiple LLDPE (Low Linear Density Poly Ethelene) Double Layer Water Tanks or Steel or Civil Tank". This was discussed in the meeting but we have found out that highest 10000 ltrs capacity tanks are readily available in the Market and to install 10 such tanks it will take a lot of space & will be a costly affair which is not required. We suggest that Maximum 20,000 ltrs capacity LLDPE (Low Linear Density Poly Ethelene) Double Layer Water Tanks should be installed which can be refilled through our Pump as when required or can also be filled by your Water Tankers".</p>	<p>The size of water reservoir is not mentioned in the NIT</p>	<p>The capacity of water reservoir is Thirty thousand ltrs. Made of LLDPE (Low Linear Density Poly Ethelene) Double Layer Water Tanks</p>
05.	<p>It is mentioned in the Tender that "Third Party Inspection by RITES" should be carried out at your premises". Please clarify that "Third Party Inspection by RITES should be carried out at site".</p>	<p>Third party inspection of this machine would be carried out by M/s RITES LIMITED at the cost of the agency & nothing extra would be paid for this job.</p>	<p>"Third Party Inspection by RITES should be carried out at site". & nothing extra would be paid for this job.</p>
06.	<p>No payment terms has been mentioned in Tender Document. As discussed please clarify that "75% payment will be released immediately after installation of the Equipment & balance 25% will be released on successfully commissioning &</p>	<p>The payment terms applicable as per CPWD works manual</p>	<p>The 75 % payment will be released after installation and satisfactory inspection report from the Rites and balance 25% is released after the completion of the work .</p>

	testing of the equipment”.		
07.	The time of completion mentioned in the tender is Copex 2 months & Apex 24 months. Please clarify that “the Supply Period will be 3 to 4 months & Guarantee Warrantee Clause for Maintenance will be one year and after the Comprehensive AMC will be for 2 years. The contractor will have to offer his CAMC rates for 2 years”.	The time of completion mentioned in the tender is (Copex 2 months & Apex 24 months.)	The time of completion for the work (Copex 3 Months and Appex 24 Months). During the first year the complete comprehensive maintenance would be done by the agency and nothing extra would be paid. Further two years comprehensive maintenance i.e for 2 year and 3 year would be paid. As per item No. 2 of the NIT.
08.	Further as discussed please clarify that Power & Water source will be provided to the contractor at Tower Site.	However, water source would be indicated/specified by the NDMC. Electricity connection at one point would be provided by the NDMC	NDMC would provide water and electricity at the Site at one point.

(2) Cloudtec Pvt. Ltd.

Sr. No.	Queries raised by M/s Cloudtec Pvt. Ltd.	Contents of the NIT	Clarification/ Amendments
01.	Mist cannon shall be tower mounted having height of 7M (max) including foundation of the tower instead of trolley mounted indicated in tender.	The height of tower is not mentioned in the NIT	The height of the tower between 5 mtrs. to 7 mtrs depending upon the site requirement.
02.	Power supply is 415VAC, 50Hz instead of 380V AC indicated in tender.	Three phase 380V	The three phase 400- 440V, AC Supply 50Hz is available
03.	Incoming power supply shall be provided at bottom of tower with local power isolator.	Electricity connection at one point would be provided by the NDMC	No change required
04.	Deletion of scope of drawing/suction of water from underground tank through pump motor of 22KW indicated in tender.	Making provision for drawing/suction way/line for water e.g; puncturing the roof/side of the under-ground water reservoir or connecting with the source of water with required pipe line and making good the site,	NDMC would provide water at the Site at one point
05.	Supply of water shall be provided at free of cost at the bottom of tower with a pressure of 2-3 bar	Making provision for drawing/suction way/line for water e.g; puncturing the roof/side of the under-ground water reservoir or connecting with the source of water with required pipe line and making good the site,	NDMC would provide water at the Site at one point
06.	PVC tank of capacity is 100000 litres is required for operation however makes of tank shall be provided	The size of water reservoir is not mentioned in the NIT	The capacity of water reservoir is Thirty thousand ltrs. Made of LLDPE (Low Linear Density Poly Ethelene) Double Layer Water Tanks
07.	Delivery period of the machine shall be 3 month from the date of PO	The time of completion for the work (Copex 2 Months and Appex 24 Months). During the first year the complete comprehensive maintenance would be done by the agency and nothing extra would be paid. Further two years comprehensive maintenance i.e for 2 year and 3 year would be paid. As per item No. 2 of the NIT.	The time of completion for the work (Copex 3 Months and Appex 24 Months). During the first year the complete comprehensive maintenance would be done by the agency and nothing extra would be paid. Further two years comprehensive maintenance i.e for 2 year and 3 year would be paid. As per item No. 2 of the NIT.
08.	Predispatch inspection is not required by 3 rd party, however site inspection shall be conducted after receive of machine at	Third party inspection of this machine would be carried out by M/s RITES LIMITED at the cost of the	“Third Party Inspection by RITES should be carried out at site”. & nothing extra would be paid for this

	individual location	agency & nothing extra would be paid for this job.	job.
09.	Payment terms shall be 75+100% T&D against installation of the equipment and balance 25% against commissioning of the equipment.	The payment terms applicable as per CPWD works manual	The 75 % payment will be released after installation and satisfactory inspection report from the Rites and balance 25% is released after the completion of the work .
10.	All PQR document will be established either from dealer or OEM is equally accepted by NDMC.	The intending tenderer / specialized firms are required to submit documentary proof of Manufacturer/ Authorized dealers of manufacturer/ Suppliers/Dealers/ having GST registration No. Earnest Money of Rs. 6,12,941/- as earnest money shall have to be deposited in NDMC through pay order/demand draft/banker' cheque/Deposit at Call Receipt/FDR of a scheduled bank in favour of Secretary, NDMC payable at local branch of Delhi/New Delhi. It should be ensured that the FDR is pledged in favour of the Secretary, NDMC	No change required

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Executive Engineer(W/S)