

ADDENDUM/CORRIGENDUM-1

1.1. General:

Delhi Metro Rail Corporation (DMRC) Ltd. invites EOI for “**Empanelment of Agencies for Environmental Monitoring**”. In reference to NIT, modification in date of submission has been done. The revised dates for the EOI are as follows:

Cost of EOI Documents	Rs 5,250/- in (in the form of demand draft drawn in favour of Delhi Metro Rail Corporation Ltd. payable at New Delhi (Demand Draft /Banker’s cheque) in favour of “Delhi Metro Rail Corporation Ltd” payable at New Delhi.) Cost of EOI in original, shall be accepted only upto 14:00 hours on 27.05.2015 15.11.2016 in the office of Sr.AGM/Environment, Office of CPM-4, site office, shakarpur, opposite Gurudwara, Delhi-110092.
Sale of documents	From 27.09.2016 to 25.10.2016 15.11.2016 (14:00 Hrs)
Last Date & time of Submission of proposal	25.10.2016 15.11.2016 at 15:00 hrs
Date and Place of opening	25.10.2016 15.11.2016 at 15:30 hrs at Metro Bhawan, Barakhamba Road, Delhi-110001.
Mode of Submission	Online submission at website https://eprocure.gov.in/eprocure/app
Date of Pre-Bid Meeting	07.10.2016.
Date of 2nd Pre-Bid meeting	26.10.2016
Place & Time of Pre-Bid Meeting	15.30 Hrs at Office of Sr. AGM/Env, Office of CPM-4, DMRC site office, Seed Bed Park, Opp. Gurudwara, Shakarpur, New Delhi-92. <u>Tel:- 011-22484743</u>
Last Date of Seeking Clarification	07.10.2016 26.10.2016 (15:00 Hrs) Queries/Clarification from bidders after due date and time shall not be acknowledged.

1.2. Project Background

DMRC is inviting **Expression of Interest (EOI)** for Empanelment of Monitoring Agencies for Environmental Monitoring. Short listing/empanelment will be based on the fulfilment

of technical and financial criteria.

The shortlisted/Empanelled agencies will be eligible to participate in the bidding for the following works of Environmental Monitoring:

S.No	Work	Approximate cost
1.	Environmental Monitoring at Phase-III stations.	Rs 15,00,977/-
2.	Phase-IV pre-Construction Monitoring	Rs 34,63,614/-
3.	Complaint Monitoring	Rs 1,94,481/-

2. **Short listing of Agencies:**

The agencies will be shortlisted on basis of fulfilment of both the technical and financial criteria as mentioned below:

Technical Criteria:

The agency must fulfil the following technical criteria

1. Have a Registered office in Delhi/NCR.
2. The office/lab should be ISO 9001 certified.
3. Minimum two years of experience in the relevant following parameters:
 - a) Air (PM₁₀ & PM_{2.5}) and Stack monitoring
 - b) Noise and Vibration
 - c) Water
 - d) Waste Water
 - e) Soil
4. Valid NABL accreditation for all:
 - a) Air (PM₁₀ & PM_{2.5}) and Stack monitoring
 - b) Noise
 - c) Water
 - d) Waste Water
 - e) Soil
5. Must have carried out environmental monitoring of all the parameters listed at S.No.3 above in a metro/railway/highway project in past three years.
6. In-house facility to carry out monitoring of all the environmental parameters viz. Air, Water, Waste Water, Soil, Noise & Vibration and their analysis.
7. Minimum requirement of monitoring equipments:

S.No.	Monitoring Parameter	Instrument Name	No. of equipment
1.	PM ₁₀	Respirable dust sampler	5
2.	PM _{2.5}	Impactor/Cyclone based	3
3.	Noise	Type-I Noise level meter with data logger	5
4.	Vibration	Vibration monitoring instrument (tri-axial) with following: 1. It should record ground borne vibration and ground borne noise 2. Minimum sampling interval - 1024/s 3. Sensor – Tri-axial 4. Measuring parameter – velocity of vibration	1

		(mm/s) and VdB 5. Frequency range – 1-300 Hz	
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2.1. Financial Criteria:

The agency must fulfil the following financial criteria:

2.1.1. Minimum annual turnover:

For last three financial years (i.e. FY 2013-2014, FY 2014-15 & FY 2015-16), the agency must have a minimum annual turnover of Rs. 41, 27, 258/- for each financial year.

The details of the same shall be mentioned in Annexure-V. The agency shall submit three years audited financial statement duly attested by Chartered Accountant.

Note: The combined turnover of a JV will be based on percentage participation of each member.

Example: Let Member-1 has percentage participation = M and Member-2 has =N. Let the average annual turnover of member-1 is 'A' and that of Member-2 is 'B', then the average annual turnover of JV will be =

$$= \frac{AM+BN}{100}$$

2.1.2. Work Experience:

Criteria:

The agency must have executed/completed the following:

A. One environmental monitoring work of Rs 13, 85,446 /- or more in the previous financial year.

OR

B. Two environmental monitoring works of Rs 8, 65,904/- or more in previous financial year.

The agency shall submit details of works executed by them in Annexure-V for the works to be considered for qualification of work experience criteria. The details submitted without documentary proof (LOA/Letter of Award) shall not be evaluated.

Value of any successfully completed portion of any ongoing work up to 31.03.2016 will also be considered for qualification of work experience criteria.

In case of work from organisations other than govt. Organisations/PSU i.e. private, the necessary documents as TDS certificates etc are to be provided in support of works.

Note: In case of joint venture/consortium, full value of work, if done by the same joint venture shall be considered. However, if the qualifying work (s) were done by them in JV/consortium having different constituents, then the value of work as per their percentage participation in such JV/consortium shall be considered.

3. Eligible Applicants:

1. The submissions for this EOI will be considered from agencies {proprietorship firms,

partnership firms, companies, corporations, companies, consortia or joint ventures (JV hereinafter)}. In case of a JV or Consortium, all members of the group shall be jointly and severally liable for the performance of work..

2. A firm, who has purchased the document in their name, can submit either as individual firm or in JV/Consortium. However, the lead partner in case of JV shall be one who has experience of similar work i.e. Environmental Monitoring
3. Lead Partner must have a minimum of 26% participation in the JV/Consortium.
4. Partners having less than 26% participation will be termed as non-substantial partner and will not be considered for evaluation which means their financial and work experience shall not be considered for evaluation of JV/Consortium.
5. In case of JV/Consortium, change in constitution of percentage participation shall not be permitted at any stage after their submission of EOI till the period of empanelment otherwise the applicant shall be treated as non-responsive.

**Sr.AGM/Environment
DMRC, New Delhi**