

# NAGPUR METRO RAIL CORPORATION LIMITED

## Minutes of Pre-Bid Meeting

Dated: 25/04/2015

Name of Work: Detailed Geo Technical Investigation for Alignment of Nagpur Metro Rail System

Tender No: NMRCL/ Nagpur/Civil/02/2015

Sr. No.	Name of Bidder	Suggestions	Clarification
1	Durocrete Engineering Services Pvt. Ltd. Pune	<p>1) Some of the test like permeability and other test methods mentioned in the scope are not mention in the BOQ.</p> <p>2) Mobilization, Demobilization core box charges are not mentioned in BOQ.</p> <p>3) Overall all the rates are too less which are used for estimation of tender value.</p> <p>4) Work period mentioned for completion of the work is not adequate for satisfactory completion.</p> <p>5) Please add Pvt. Ltd. firms also in for credential and qualification.</p> <p><b>Annexure List:</b></p> <p>1) Tender will open for 90 days specific reason for this time frame.</p> <p>2) Mode of payment for performance guarantee</p> <p>3) Brief about gazeted and non gazeted employees</p>	<p>1) If required to be decided by Engineer in Charge, However BOQ prevails</p> <p>2) Sample preservation, transportation of sample for testing, preserving of samples deemed included in BOQ item no 1 even if it is not written.</p> <p>3) Document Prevails</p> <p>4) Document Prevails</p> <p>5) Document Prevails</p> <p>1) Document Prevails</p> <p>2) Document Prevails</p> <p>3) Document Prevails</p>

# NAGPUR METRO RAIL CORPORATION LIMITED

	<p>4) Why contractor require labor licence .</p> <p>5) If we submit to 12clac work orders of Pvt. Ltd. firms will you accept.</p> <p>6) attested photocopies of documents by which authority</p> <p>7) It is necessary to issue credential certificates for govt. authorities.</p> <p>8) In situ permeability test and charges are not mention in BOQ.</p> <p>9) Time schedule for completing field work within 1 and Half month is to short.</p> <p>10) Contractor shall responsible for safety of roll users but can you issue us permission letters related authority.</p> <p>11) Pump in test, constant head method not mention in BOQ.</p> <p>12) why we require hydraulics rig of capacity 200 m depth</p> <p>13) it is compulsory to deploy to deploy 4 hydraulic rigs and why not calyx rig.</p> <p>14) What about accommodation of our field</p>	<p>4) It is legal requirement</p> <p>5) Eligibility criterion mentioned in bid document will Prevail.</p> <p>6) Standard procedure for the same to be adopted.</p> <p>7) document Prevails</p> <p>8) If required, to be decided by engineer in charge, However BOQ prevails</p> <p>9) Contract document prevails.</p> <p>10) It is contractor's responsibility</p> <p>11) If required, to be decided by Engineer in Charge, However BOQ Prevails.</p> <p>12) For timely completion and better quality.</p> <p>13) For timely completion and better quality.</p> <p>14) It is contractor's</p>
--	---	---

# NAGPUR METRO RAIL CORPORATION LIMITED

	<p>staff during work.</p> <p>15) Mobilization charges are not mentioned in BOQ</p> <p>16) Mistake in estimated amount</p> <p>17) Consolidation test charges are too less.</p> <p>18 ) Mistake in estimated amount</p> <p>19) Mistake in estimated amount</p> <p>20) Test charges are too less</p> <p>21) Test charges are too less</p> <p>22) Why you require additional performance guarantee (mode of payment )</p>	<p>responsibility.</p> <p>15) It is included in BOQ</p> <p>16) Corrected BOQ enclosed</p> <p>17) Bid document Prevails</p> <p>18) Corrected BOQ enclosed</p> <p>19)Corrected BOQ enclosed</p> <p>20) Bid document Prevails</p> <p>21) Bid document Prevails</p> <p>22) Required in case of unbalanced bid</p>
2	<p>1) Rates for field and laboratory test mentioned in the Bill of Qty. on page 54 of the tender are not workable. For your information and comparison, rates of public Works/Irrigation and railway department are enclosed Annexure-I</p> <p>2) The time limit of 90 days for the total work is beyond capacity of any individual organization. To conduct total 10,550 nos. of laboratory test in the time period of 65 working days require lot of manpower and multiple test equipments for which no laboratories in different parts of India on behalf of national Accreditation Board for Laboratories (NABL) as an assessor and is well aware of the capacities of various national laboratories.</p> <p>3) For previous tender called on March 2012, we had submitted similar letter requesting for revision of tender, (copy of which is enclosed), but unfortunately, no action was taken.</p> <p>4) Even if any agency works on 1.5 times the rates mentioned in the tender, it will not be able to give justice to the work. There will be number of deviations and delays in execution, which will also lead to cost escalation. Three</p>	<p>1) Bid document Prevails</p> <p>2) Documents Prevails</p> <p>3) No Comments</p> <p>4) Documents Prevails</p>

# NAGPUR METRO RAIL CORPORATION LIMITED

	<p>rate analysis are enclosed in annexure-II.</p> <p>5) A report in 2009 by the Ground of the institution of Civil engineers, London on 'Inadequate site and ground investigation leading to construction delays and additional cost.' Testing the above mentioned delay and escalation. The key excerpts from the report are:</p> <ul style="list-style-type: none"><li>i) Review of over 200 roads and bridges where early remedial costs exceeded 100,000 (cost in 1988), the National audit office has expressed concern at the high costs associated with geotechnical problems.</li><li>ii) Geotechnical problems on eight road and six bridge projects resulted in extra work costing of 18 million.</li><li>iii) on ten large highway construction projects, the Transport and Road research laboratory has observed that final cost was 35% greater than the tendered sum. Half of this increase was due to<ul style="list-style-type: none"><li>(a) Inadequate planning of ground investigation</li><li>(b) Poor interpretation of the results.</li></ul></li></ul> <p>6) Similarly, Annexure-1 on page no 18 states that certificate issued by the owner of the completed works should be from a govt./ Semi govt. organization but even in many govt works, responsibility of detailed Geo Technical investigation rates with the construction agency under this condition, Govt. department is not in position to issue certificate, but it is under their control. Hence due consideration is must for this close.</p>	5) No Comments
		6) No Comments

# NAGPUR METRO RAIL CORPORATION LIMITED

3.	<p>Geo Systems Research &amp; Consultants (I) Pvt. Ltd.</p>	<p>1. Regarding Average Annual Turnover of the bidder in last 3 years should not be less than 1 Cr. But in our opinion it should be 72 lacs (as the bid cost is @ 72 lacs) which is the general criteria of all Govt./PSU tenders.</p> <p>2. Regarding requirement of the NABL Accredited laboratory, in our opinion the BOQ rates will not justify the NABL lab. rates, so our suggestion is that please omit this NABL requirement clause.</p> <p>3. In general we feel that the BOQ rates are on too lower side and not feasible at any cost to execute the good quality of Geo-technical investigation work. Further you are well aware that the total work is in the crowded area of Nagpur city where the mobilization of drilling machinery and labour cost are goes on very higher side due to lack of availability of working space and working time slots. So our suggestion is that kindly go through the BOQ rates and make it justified with reference to the MERI. PWD &amp; RAILWAY rates.</p> <p>4. Regarding work done certificate , you need it as per Annexure No.1 format which is not possible to any agency to arrange it in a very short period available now.</p> <p>Secondly you need the similar experience work done from any Govt. /PSU, in our opinion is that we have executed lot many works for Govt./PSU as an authority, but the works were in the scope of BOT Contractor or consultants and they have issued a work done certificates to us. We hope you will consider the same for this work.</p> <p>5. In the bid you have mentioned the list of machinery at site, no machinery except Hydraulic drilling rigs are only deployed at site for drilling operation, conducting SPT and collection of DS and UDS samples after that all the soil and rock tests will be conducted in the laboratory. So please rectify this clause.</p>	<p>1) Document Prevails</p> <p>2) Document Prevails</p> <p>3) Document Prevails</p> <p>4) Document Prevails</p> <p>5) Document Prevails</p>
----	---	--	---

# NAGPUR METRO RAIL CORPORATION LIMITED

	<p>6. As you need a notarized undertaking/declaration along with the submission of documents from the agency, in our view it should be self attached &amp; not from any authority.</p> <p>7. Being a prestigious &amp; important metro rail project, the time period is not justified to complete the work in the crowded city area.</p>	6) Document Prevails  7) Document Prevails
--	--	--

Note:- Revised BOQ is enclosed with minor calculations as corrected and Bidders have to submit his financial quote in a sealed envelop No. 2 as per corrected BOQ.

# **NAGPUR METRO RAIL CORPORATION LIMITED**