

**CONTINUATION OF EARLIER REPLIES TO PRE-BID QUERIES GIVEN WITH ADDENDUM-1**

<b>TENDER No's P2C3 GEO-1,02,03,04, P2C5 GEO-01&amp;02</b>				
Sl. No.	Tender Conditions	Bidders Query	CMRL Replies	Addendum YES/NO
45	"Geotechnical Investigation including drilling of 150 mm / NX size vertical boreholes, laboratory testing of soil & rock samples and submission of comprehensive reports for the proposed new alignment for Phase II of Chennai Metro Rail Project as per the details indicated below.	We request you to ammend "150mm" to "100mm."	Not agreed. Tender condition prevails	NO
46	The contractor shall comments the works within 7 Days of issue of Letter of Acceptance.	We request you to consider a mobilisation period of 15 days from the date of issue of Letter of Acceptance.	Not agreed. Tender condition prevails	NO
47	Liquidated Damages charge On Non achievement of KD's	We presume contractor will be refunded the the amount of LD charged for non achievement (In case) of earlier Key Date, if the subsequent Key date is achieved by him. Please confirm.	Refer Adendum-1	YES
48	Team Leader :Qualification=M.Tech (Geo Tech) Experience=10 yrs	We request you to consider this Criteria as Team Leader Qualification=M.Tech (Geo Tech)/M.Sc. (Geology) Experience=10 yrs	Refer Adendum-1	YES
49	Structural Engineer :Qualification=M.Tech (Geo Tech) Experience=5 yrs	We request you to consider this Criteria as Structural Engineer :Qualification=M.Tech (Geo Tech) /M.Sc. (Geology) Experience=5 yrs	Refer Adendum-1	YES
50	Lab Incharge :Qualification=M.Tech (Geo Tech) Experience=8 yrs	We request you to consider this Criteria as Lab Incharge :Qualification=M.Tech (Geo Tech) Experience=8 yrs/B.Tech Experience=12 yrs	Refer Adendum-1	YES
51	Field Engineer :M.Tech in Geotech with 5 yrsexp or B.Tech with 10 yrs exp.	We request you to consider this Criteria as Field Engineer/ Geologist :M.Tech in Geotech/zGeology with 5 yrsexp or B.Tech /M.Sc. Geology with 10 yrs exp.	Refer Adendum-1	YES
52	Jr. Engineer :Diploma in Civil Engg.3 years exp. in Geotech investigation works	We request you to consider this Criteria as Jr. Engineer/Jr.Geologist :Diploma in Civil Engg./M.Sc Geology 3 years exp. in Geotech investigation works	Refer Adendum-1	YES
53	Safety Engineer : Diploma 3 years exp. in Geotech investigation works	We request you to consider this Criteria as Safety Engineer / Officer : Diploma 3 years exp. in Geotech investigation works	Refer Adendum-1	YES
54	The mobilization advance payments for mobilization and for plant and machinery will carry an interest rate of 10% per annum.	We request you to consider interest free mobilisation advance.	Not Agreed. Tender Conditions Prevails	NO
55	Drilling of 150mm dia bore holes in soil by Auger / calyx rig or wash boring, in weathered rock or Strong Rock up to a maximum depth of 40m using TC/diamond/impregnated diamond bits and hydraulic/ rotary drilling rig by wash boring method	We request to rephrase this Clause as :- Drilling of 100mm to 150mm dia bore holes in soil by Auger / calyx rig or wash boring, in weathered rock or Strong Rock up to a maximum depth of 40m using TC/diamond/impregnated diamond bits and hydraulic/ rotary drilling rig by wash boring method	Not Agreed. Tender Conditions Prevails	NO
56	Boreholes of 150 mm diameter shall be drilled in soil overburden by rotary drilling.	We request to rephrase this Clause as :- Boreholes of 100mm-150 mm diameter shall be drilled in soil overburden by rotary drilling.	Not Agreed. Tender Conditions Prevails	NO
57	Exploratory Vertical drilling of Boreholes 150mm dia through all kinds of soils and weathered/soft rock with adequate / suitable equipment,tools and tackles for depths measured below existing ground level including mobilization, setting up boring rig, shifting of rig from one borehole to another and demobilization of the same and refilling the boreholes with sand and reinstating surface.	We request to rephrase this Clause as :- Exploratory Vertical drilling of Boreholes 100mm/150mm dia through all kinds of soils and weathered/soft rock with adequate / suitable equipment,tools and tackles for depths measured below existing ground level including mobilization, setting up boring rig, shifting of rig from one borehole to another and demobilization of the same and refilling the boreholes with sand and reinstating surface.	Not Agreed. Tender Conditions Prevails	NO

**SIGNATURE AND STAMP BY BIDDER**

58	Exploratory drilling of Boreholes down to required depth,drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30cm), including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion / chieselling tool for advancing through occasional seams of hard strata to be employed where necessary in River bed area including standing/flowing water upto 2m depth with all necessary arrangements	We request to rephrase this Clause as :- Exploratory drilling of Boreholes down to required depth,drilling of 100mm/150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30cm), including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion / chieselling tool for advancing through occasional seams of hard strata to be employed where necessary in River bed area including standing/flowing water upto 2m depth with all necessary arrangements	Not Agreed. Tender Conditions Prevails	NO
59	Whether proof for Tender Experience of having successfully completed similar works during last 5 years ( 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 – 2016, 2016 - 2017) for Centre Government of India / State Government Department / Government undertaking in India should be either of the following:a). Three similar completed works costing not less than the amount Rs. 3.3 Crores.	We request to rephrase this Clause as :- Whether proof for Tender Experience of having successfully completed similar works during last 7 years (2010 - 2011, 2011 - 2012,2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 – 2016, 2016 - 2017) for Centre Government of India / State Government Department / Government undertaking in India should be either of the following:a). Three similar completed works costing not less than the amount Rs. 2 Crores. Also we request you to considered overseas project	Not Agreed. Tender Conditions Prevails	NO
60	Collecting undisturbed soil samples in 100mm dia 450mm long thin walled tube sampler at every 3m interval or as directed by the engineer, from boreholes including provisions of air tight containers for packing and labelling incl. transportation the samples to laboratory. Piston sampler shall be used for extracting undisturbed samples where necessary. Samples shall be collected as per IS 2132	We request to rephrase this Clause as :- Collecting undisturbed soil samples in 75 mm dia 450mm long thin walled tube sampler at every 3m interval or as directed by the engineer, from boreholes including provisions of air tight containers for packing and labelling incl. transportation the samples to laboratory. Piston sampler shall be used for extracting undisturbed samples where necessary. Samples shall be collected as per IS 2132	Not Agreed. Tender Conditions Prevails	NO
61	Rock Drilling. The size of core in the upper portion of rock shall be HX/HQ, if required, which should be continued to as much depth as possible. But it may be required to be reduced to NX/NQ after certain depth.	With reference / experience in CMRL - 1 drilling we used NQ size of core barrel to ensure maximum recovery of rock including soft layers. Hence requested to amend that the drilling in rock be done with NQ size Note : in price bid it is mentioned to do drill with NX core barrel only.	Refer Adendum-1	YES
62	ROADS AND WATER COURSES, OTHER UTILITIES ACCESS TO PREMISES AND SAFETY OF PUBLIC Existing road or water courses shall not be blocked, cut through, altered, diverted or obstructed in anyway by the Contractor, except with the permission of the Engineer. All compensation claimed for any unauthorised closure, cutting through, alteration, diversion or obstruction to such roads or water courses by the Contractor or his agent or his staff shall be recoverable from the Contractor by deduction from any sums which may become payable to him in terms of the Contract, or otherwise according to law.	We request you to kindly clarify the below: 1-From our experince we genreally do utility checking upto a dept of 1.5m, we assume same would be applied here.	Yes, Utility Identification is in Bidders scope and nothing extra would be paid for the same.	YES

63	POSSESSION OF SITE.	We assumed the site permissions from the local/state/government/private bodies would be taken by client, kindly confirm.	NO. The responsibility of getting all the required permissions lies with the bidder. CMRL would only Facilitate.	NO
64	<p>Clause No 28 (ITT) &amp; Appendix 12 Equipment Capabilities.</p> <p>(i) Minimum requirement of plants and equipment</p> <ol style="list-style-type: none"> <li>1. Auger / Clayx Wash Boring – 12 Nos</li> <li>2. Hydraulic Rig – 04 Nos</li> <li>3. All required Lab Equipment</li> </ol>	<p>The given quantum of work can be completed in the given duration using,</p> <ol style="list-style-type: none"> <li>1. Auger / Calyx wash boring - 8 nos</li> <li>2. Hydraulic rig - 4 nos.</li> </ol> <p>Thus we request you to reduce the minimum requirement criteria as</p> <ol style="list-style-type: none"> <li>1. Auger / Clayx Wash Boring – 12 Nos</li> <li>2. Hydraulic Rig – 04 Nos</li> <li>3. All required Lab Equipment</li> </ol>	Not Agreed. Tender Conditions Prevails	NO