	Prequalification of Bidders for Design, manufacture, supply, installation, testing and commissioning of Tunnel Ventilation System/Environmental Control Systems									
S.No		Section	Clause	Clause Description	Applicant's Query	Response	Addendum			
1	3 OF 7 Addendum No. 1	III	4.2 (a) Specific Construction Experience Page QCR-7	A minimum number of two (2) similar contracts that have been satisfactorily and substantially completed as a prime contractor (single entity or JV member) for 10 years between 1st January 2006 and 31st December 2015.  The similarity shall be defined as "A single contract with Air conditioning system of minimum capacity 2000TR for project MRT/ Railways/ Airports/ Ports/ Big Hospitals etc and/or Tunnel ventilation system of 2.5km tunnel for MRT/ Railways/Highways".	We understand the requirement two (2) similar works can be either two (2) works of Air Conditioning or two (2) works of Tunnel ventilation System or one (1) work each of Air Contitioning & Tunnel Ventilation System. Please confirm.	Prequalification document conditions prevail.  Please refer similar contract definition.				
2	4 of 7 Addendum No. 1		4.2 (b) Specific Experience Page QCR-8, 9,10	in the following key activities: For one (1) contract package  (a) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of large Environmental Control System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:- (i) One work of USD 19 million and above or (iii) Two(2) works of USD 19 million each and above or (iii) Three(3) works of USD 9 million each and above (b) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of Tunnel Ventilation System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:- (i) One work of 4.0 km tunnel for MRT/ Railways/ Highways and above or (iii) Two(2) works of 2.5 km tunnel for MRT/ Railways/ Highways each and above or (iii) Three(3) works of 1.5km tunnel for MRT/ Railways/ Highways each and above or (iii) Three(3) works of 1.5km tunnel for MRT/ Railways/ Highways each and above (c) The above items (a) and (b) shall include Electrical Systems for MRTS/ Railway/ Airports/ large infrastructure projects For two (2) contract package (a) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of large Environmental Control System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:- (i) One work of USD 38 million each and above or (ii) Two(2) works of USD 18 million each and above or (iii) Three(3) works of USD 18 million each and above or (iii) Three(3) works of USD 18 million each and above or (iii) Three(3) works of USD 18 million each and above or (iii) Three(3) works of 5.0 km tunnel for MRT/ Railways/ Highways and above or (iii) Three(3) works of 5.0 km tunnel for MRT/ Railways/ Highways each and above or (iii) Three(3) works of 5.0 km tunnel for MRT/ Railways/ Highways each and above or (iii) Three(3) works of 5.0 km tunnel for MRT/ Railways/ Highways each and above or (iii) Three(3) works of 5.0 km tunnel for MRT/ Railways/ Highways each and above or (iii	Please confirm if following understanding for requirement of Specific Experience for Tunnel Ventilation System is correct.  1) Total kilometer of tunnel shall be single continuous tunnel. or  2) Total kilometer of tunnel can be in fragments or discountinuous tunnel, but in single MRT/Railway/Highway project.  and Also please confirm in case of Metro Rail Tunnel, lenght up & down tunnel shall be added up to calculate total tunnel lenght.	Prequalification document conditions prevail.  One work of Tunnel Ventilation System will consist of single continuous tunnel.				
3	2 OF 7 Addendum No. 1	III	3. Financial Situation	Add in end of 3. Financial Situation: Notes for Applicant: (i) To bring at par, Turnover values will be escalated by assuming 5% inflation per annum for Indian Rupees and 2% inflation per annum for foreign currency for first 4 years of Turnover values. (ii) Wherever audited Financial Statement of financial year ending 31 st March 2016 or 31 December 2015 is available, the same will be considered.	Please confirm if audited financial statement for Financial Year ending March 2016 or 31 December 2015 is not available then audited Financial Statement of Financial Year March 2015 or 31 December 2014 shall be considered wherever required.	YES, Prequalification document conditions prevail.				
4	5 of 7 Addendum No. 1	III	4.Experience	Addendum-1 Notes for the Applicant Delete Note "(vi) The Applicant shall have simulation and testing equipment and facilities for full design checking and validation (through load simulation) and for testing of the subsystem once installed on site."	view of this please confirm Simulation studies shall not be in scope of contractor.	Prequalification document conditions prevail.  Please refer Section VI. Scope of Works 1.Decsription of works C. Tunnel Ventilation System(TVS). (The SES simulation for the whole line shall be the scope of work for Contract Lot-1(MM3-CBS-TVE-01). Contract Lots 2 and 3 shall coordinate with Contract Lot -1 for the implementation of the tunnel ventilation system performance as per the simulation results).				

Pregualification of Bidders for Design, manufacture, supply, installation, testing and commissioning of Tunnel Ventilation System/Environmental Control Systems

	Prequalification of Bidders for Design, manufacture, supply, installation, testing and commissioning of Tunnel Ventilation System/Environmental Control Systems									
S.No	Page No.	Section	Clause	Clause Description	Applicant's Query	Response	Addendum			
5	Addendum No. 1	Addendum	Addendum Sr. No11 & Scope Of Works SOW-4 (TVS)	TVS/ECS Tunnel Ventilation (a) Tunnel ventilation and track way exhaust systems. (b) Tunnel ventilation system with/ without Saccardo nozzle to push smoke to the TVF exhaust point for tunnel fire emergency scenarios. (c) Under-Platform Air Supply Systems (UPASS) consists of Ventilation fans which can provide ambient air into the track way. Environmental Control System (a) Chilled water cooling system for public areas, offices and plant rooms. (b) Station smoke exhaust system to use OTE plants.	With regards to use of Tunnel ventilation Fans for trackway exhaust system, Addendum-1 is having a discrepancy in clause Addendum Sr.No.11 & Description of Works. Wherein as per Sr. No. 11 requirement of trackway exhaust system utilizing tunnel ventilation fans is replaced with seperate tunnel ventilation and trackway exhaust system, whereas as per Scope of works SOW-4 tunnel ventilation fans shall be used for tunnel ventilation purpose and also for trackway fire exhaust (in case of fire at platform. Kindly confirm.	Prequalification document conditions prevail.  Tunnel ventilation fans shall be normally used for tunnel ventilation purpose and in case of fire on platform track, will act as trackway exhaust.				
6	QCR-6	III	3.3	Liquidity Position - Liquid Assets & Line of Credit	Please confirm if the firm or Joint Venture is able to qualify the criteria & requirement of liquidity position through Working Capital then Banking reference letter is not require. In that case the formula for calculating the working capital of firm or JV shall be as follows: "Liquid assets = Total Current Assets - Inventories"	This is not permitted. Prequalification document conditions prevail. Banking reference letter is required in accordance with format provided in PQ document.				
7	QCR-6	III	3.3	Liquidity Position - Liquid Assets & Line of Credit	Please confirm for the purpose of calculating liquid assets as per formula mentioned above, figures from audited balance sheet of latest financial year shall be considered i.e. YF 2014-15 ending 31 March 2015 or 31 Dec 2014.	This is not permitted. Prequalification document conditions prevail.				
8	QCR-6	III	3.3	Liquidity Position - Liquid Assets & Line of Credit	Also, we request to amend the requirement of Banking Reference for all members and further propose that Banking Reference for Liquidity Position of value as specified shall be provided by Lead / Any member.	Prequalification document conditions prevail.				
9	QCR-6	III	3.3	Liquidity Position - Liquid Assets & Line of Credit	Please confirm if banking refrence letter can be provided from multiple banks and aggregated to qualify the requirements.	Banking refrence letter can be provided from multiple banks in case of syndication.				
10	5 of 7 Addendum No. 1			General	We request to provide format for MOU including minimum requirement of employer w.r.t. any JV/Consortium so as to enable bidder to clearly define the scope of work amongs JV members.	Prequalification document conditions prevail. Please refer Section I, clause ITA 4. Eligible Applicants				
11	5 of 7 Addendum No. 1			General	The MOU shall be in line with the contractual obligations and the Lead Partners shall be responsible for their scope of work and accountable to MMRCL in accordance with the contract terms, and relevant statement to this effect shall be included in the MOU. Pls Confirm.	Prequalification document conditions prevail. Please refer Section I, clause ITA 4. Eligible Applicants				
12	5 of 7 Addendum No. 1			General	Nomination of one of the members of the partnership, consortium or joint venture to be in-charge; and this authorisation shall be covered in the Power of Attorney signed by the legally authorised signatories of all members of consortium or joint venture.Pls Confirm.	Prequalification document conditions prevail. Please refer Section I, clause ITA 4 & ITA 14.				
13	5 of 7 Addendum No.			General	Please confirm whether registered MOU shall be required at this stage.	Prequalification document conditions prevail. Please refer Section I, clause ITA 4. Eligible Applicants				
14	5 of 7 Addendum No. 1			General	Please confirm whether one members shall be eligible to collect payments during project stage or payments shall be remitted in line with percentage participtaion to ensure active membership after the award of contract.	This query is not related to Prequalification document.				
15	5 of 7 Addendum No. 1			General	In case of Joint venture between Indian partner and Foreign partner, what would be the rate at which Tax Deduction at Sourse (TDS) and Income Tax be deducted.	This query is not related to Prequalification document.				
16	5 of 7 Addendum No. 1			General	Please confirm whether deployment of dedicated manpower shall be in line with the scope of works as defined in MOU or on the basis of qualification in case of JV	This query is not related to Prequalification document.				
17	5 of 7 Addendum No. 1			General	Please confirm whether capital investment towards execution of project shall be in line with percentage partcipation of JV.	This query is not related to Prequalification document.				

Prequalification of Bidders for Design, manufacture, supply, installation, testing and commissioning of Tunnel Ventilation System/Environmental Control Systems S.No Page No. Section Clause **Clause Description** Applicant's Query Response Addendum Please confirm whether engagement of plant and machinery shall 5 of 7 General This query is not related to Prequalification document. be in line with percentage participation of JV. Addendum No. 5 of 7 In case of JV/Constortium details of the intended percentage 19 General Prequalification document conditions prevail. participation given by each member be confirmed and expanded Addendum No. Please refer Section I, clause ITA 4. Eligible Applicants with complete details of the proposed division of responsibilities and corporate relationships among the individual members. The proposed division of responsibility shall clearly define that the work of ECS/TVS, shall be the responsibility of lead partner. Pls Confirm. PDS ITA 16.1 The Deadline for PQ Application submission by 29th June 2016, 3PM Kindly extend the submission period upto 15th July 2016 to enable PQ Application submission date is extended upto 29th Addendum No. Please Refer us to submit the pre-qulaification bid July 2016 Addendum No.2 PDS ITA 16.1 The Deadline for PQ Application submission by 29th June 2016, 3PM Further to the addendum 1, as we are looking for JV partners, most PI refer response to query at Sr. No. 20 Addendum No. Please Refer of whom are based outside India and as lot of documentation is Addendum No.2 required to be prepared, we request you to grant us an extension for submission of PQ documents till August 2, 2016. PDS ITA 16.1 The Deadline for PQ Application submission by 29th June 2016, 3PM Addendum No. In view of various forms to be filled in and to rope in PI refer response to guery at Sr. No. 20 Please Refer the JV partners from abroad and to make them Addendum No.2 understand the revised requirement and get the relevant documents in line with the qualifying requirements, request if you could extend the date of submission to 4.00 pm on July 21, 2016 PDS ITA 16.1 The Deadline for PQ Application submission by 29th June 2016, 3PM Addendum No. Since we need lot of documents to be collated and submitted from PI refer response to query at Sr. No. 20 Please Refer our JV partner who are located abroad. We request you to extend Addendum No.2 the submission date upto end July 2016. PDS ITA 16.1 The Deadline for PQ Application submission by 29th June 2016, 3PM We request you to kindly give us an extension for bid submission Addendum No. PI refer response to guery at Sr. No. 20 Please Refer upto July 29, 2016 Addendum No.2 PDS ITA 16.1 The Deadline for PQ Application submission by 29th June 2016, 3PM Addendum No. The pre qualification criteria are tough and we have to have a PI refer response to query at Sr. No. 20 Please Refer JV/Consortium partner. To search for a partner and organise the Addendum No.2 required certified documents we need more time. Therefore please extend the due date for submission by six weeks ie, till 10th August 2016. Correspondingly the due date for opening of the tenders will also get extended. Section III A minimum number of two (2) similar contracts that have been satisfactorily and substantially 1. The qualifying requirements that have been called for in the Addendum clause No In the global arena, it is seen that Tunnel Ventilation work Please Refer completed as a prime contractor (single entity or JV member) for 10 years... documents are quite stringent and most of the sub contractors will No: 1, Sr No 5, 4.2(a) of the is combined with Civil/MEP/E&M for procurement. Thus, Addendum No.3 have to look out for a JV partner from abroad. Page 3 of original Clause 4.2(a) Specific Experience is being revised by 2. Internationally, the concept of working is that the end client gives document, considering experience as prime contractor, management one turnkey contract to one contractor who in turn gives multiple page No contractor or subcontractor. orders to various sub contractors for various services. Hence, QCR-7 unlike in India, the end Client is always the main contractor rather than the client himself. 3. Clause No 4.2 (b) specific Experience also calls for "a minimum construction experience, as prime contractor, management contractor or subcontractor' In view of the above reasons and in our keenness to be associated with you on this prestigious project, request you to kindly amend this clause as "A minimum number of two (2) similar contracts that have been satisfactorily and substantially completed as a prime contractor (single entity or JV member or management contractor or sub contractor) for 10 years..."

Prequalification of Bidders for Design, manufacture, supply, installation, testing and commissioning of Tunnel Ventilation System/Environmental Control Systems

S.No	Page No.	Section	Clause	Clause Description	Applicant's Query	Response	Addendum
27	Addendum No: 1, Sr No 5, Page 3 of 7,	Section III	clause No 4.2(a) of the original document, page No QCR- 7	A minimum number of two (2) similar contracts that have been satisfactorily and substantially completed as a prime contractor (single entity or JV member) for 10 years	1. The qualify requirement given in the clause no. 4.2(a) as prime contractor whereas 4.2 (b) calls for prime contractor, management contractor or sub contractor. This is creating confusion.  2. Moreover, we being international bidder, the concept of working in any turnkey contract, the prime contractor always a civil contractor and MEP contractor became sub contractor to them to MEP start of the work unlike India. And hence MEP contractor works as a sub contractor should be considered in both 4.2 (a) and 4.2 (b) respectively.  3. Clause no. 4.2 (b) specific experience also calls for "a minimum construction experience, as prime contractor, management contractor or subcontractor" In view of the above reasons and in our keenness to be associated with you on this prestigious project, we request you to kindly amend this clause.	PI refer response to query at Sr. No. 26	Please Refer Addendum No.3
28	Addendum No: 1, Sr No 5, Page 3 of 7,	Section III	clause No 4.2(a) of PQ document,	The similarity shall be defined as "A single contract with Air conditioning system of minimum capacity 2000TR for project MRT/ Railways/ Airports/ Ports/ Big Hospitals etc and/or Tunnel ventilation system of 2.5km tunnel for MRT/ Railways/ Highways".	We presume that under etc shall includes Big Hotel, Mall, Commercial offers and Industrial sector project. Please confirm	MRT/ Railways/ Airports/ Ports/ Large Hospitals/ High Rise Buildings/ / Big Hotel/ Mall etc. Confirmed.	
29	Addendum No: 1, Sr No 6,	Section III	clause No 4.2(b) of PQ document,	For the above or other contracts executed during the period stipulated in 4.2 (a) above, a minimum construction experience, as prime contractor, management contractor, or subcontractor, in the following key activities:  For one (1) contract package  (a) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of large Environmental Control System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:-  (i) One work of USD 19 million and above or  (ii) Two(2) works of USD 12 million each and above  (iii) Three(3) works of USD 9 million each and above	In line with the U/G Metro projects executed in India we request you to revise the specific experience project values as mentioned below and this will also facilitate healthier competition with more participation from India firms.  For one (1) contract package  (a) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of large Environmental Control System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:-  (i) One work of more than USD 12 million and above. or  (ii) Average value of 2 works - USD 8 million and above	Prequalification document conditions prevail.	
30	Addendum No: 1, Sr No 6,	Section III	clause No 4.2(b) of PQ document,	(b) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of Tunnel Ventilation System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:- (i) One work of 4.0 km tunnel for MRT/ Railways/ Highways and above or (ii) Two(2) works of 2.5 km tunnel for MRT/ Railways/ Highways each and above or (iii) Three(3) works of 1.5km tunnel for MRT/ Railways/ Highways each and above	Please clarify whether twin tunnels for the same project can be considered as two tunnel for considering the running length of the tunnel. For example if in as project there are two tunnels of length 1.5 Km and 1.5 Km can that be considered as 3 Km. Also In a single job if we have done two tunnels of 1.5 Km length for up and down operartion, wtherther the same shall be considred as single work or two separate works.	PI refer response to query at Sr. No. 2	
31	Addendum No: 1, Sr No 8			Delete Important Notes (1 to 6) on Page AF-20	As these important notes are deleted from the tender document please clarify on following. For Foreign Applicants/Partners of JV or Consortium documents notarization from either their embassy in India or Indian embassy in their country is required or not.	Incase of Foreign Applicants/Partners of JV or Consortium, Power of Attorney and documents shall be notarized and appostilled.	
32	PQ Document QCR-6	Section III.	Clause 3.1 Financial Performance	assets and total liabilities should be positive.	If there is loss in any of 2 years during the tenure of last five financial years , however the company's net worth is positive. Please clarify whether the same is acceptable. Please clarify.	Prequalification document conditions prevail. Company's net worth shall be positive.	
	. •	Section I, Clause ITA 22.1	Section1, Instructions to applicants Clause 22.1	Applicants planning to subcontract any of the key activities indicated in Section III, Qualification Criteria and Requirements, shall specify the activity (ies) or parts of the Works to be subcontracted in the Application Submission Form. Applicants shall clearly identify the proposed specialist subcontractor(s) in Forms ELI-1.2 and EXP -4.2(b) in Section IV, Application Forms. Such proposed specialist subcontractor(s) shall meet the corresponding qualification requirements.	Kindly allow for subconctrating for supervision of installation,testing and commissioning of TVS work. As same was approved in DMRC amd other merto project executed in India.	Prequalification document conditions prevail.	

Pregualification of Bidders for Design, manufacture, supply, installation, testing and commissioning of Tunnel Ventilation System/Environmental Control Systems

S.No	Page No.	Section	Clause	on of Bidders for Design, manufacture, supply, installation, testing ar  Clause Description	Applicant's Query	Response	Addendum
34	Section I.	Section I		A firm and any of its affiliates (that directly or indirectly control, are controlled by or are under	As per this clause we understand that we can submit multiple PQ	This is not permitted.	Addelidaili
	Instructions to Applicants		4.5	common control with that firm) may submit their applications for prequalification either individually,		Prequalification document conditions prevail. Please refer Clause ITA 4.5.	
				subcontractor in one Bid, may participate in other Bids, only in that capacity.	as A-B consortium and second application with company C as A-C consortium. i.e. Two separate PQ applications and if both get prequalified for the tender, at the actual tender stage party A can bid either as A-B consortium or A-C consortium for all lots. OR A-B and A-C both can qote for all lots. Please clarify.		
35	Addendum No: 1, Sr No 6,	Section III	Section III Qualification Criteria and Requirements 4.2 (b) Specific Experience	For the above or other contracts executed during the period stipulated in 4.2 (a) above, a minimum construction experience, as prime contractor, management contractor, or subcontractor, in the following key activities:  For one (1) contract package  (a) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of large Environmental Control System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:-  (i) One work of USD 19 million and above or  (iii) Two(2) works of USD 12 million each and above or  (iii) Three(3) works of USD 9 million each and above or  (iii) Three(3) works of USD 9 million each and above or  (b) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of Tunnel Ventilation System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:-  (i) One work of 4.0 km tunnel for MRT/ Railways/ Highways and above or  (ii) Two(2) works of 2.5 km tunnel for MRT/ Railways/ Highways each and above or  (iii) Three(3) works of 1.5km tunnel for MRT/ Railways/ Highways each and above or  (iii) Three(3) works of 0.5 hanufacture, Supply, Installation, Testing and commissioning of large infrastructure projects  For two (2) contract package  (a) Detail Engineering, Manufacture, Supply, Installation, Testing and commissioning of large Environmental Control System of large infrastructure projects/ U/G works completed in last 10 years of any of the following value:-  (i) One work of USD 38 million and above or  (iii) Three(3) works of USD 24 million each and above or  (iii) Three(3) works of 1.5km tunnel for MRT/ Railways/ Highways and above or  (iii) Three(3) works of 1.5km tunnel for MRT/ Railways/ Highways each and above or  (iii) Three(3) works of 3.0 km tunnel for MRT/ Railways/ Highways each and above or  (iii) Three(3) works of 3.0 km tunnel for MRT/ Railways/ Highways each and above or  (iii) Three(3) works of 3.0 km tunnel for MRT/ Railways/ Highways each and above o		Prequalification document conditions prevail.  PI refer response to query at Sr. No. 28.	
36	Addendum No: 1, Sr No 5	Section III		A minimum number of two (2) similar contracts that have been satisfactorily and substantially completed as a prime contractor (single entity or JV member) for 10 years between 1st January 2006 and 31st December 2015.  The similarity shall be defined as "A single contract with Air conditioning system of minimum capacity 2000TR for project MRT/ Railways/ Airports/ Ports/ Big Hospitals etc and/or Tunnel ventilation system of 2.5km tunnel for MRT/ Railways/ Highways".	Under the similarity of projectsetc , can you please include projects of high rise building towers (+75 floors) which have very complex HVAC system	PI refer response to query at Sr. No. 28.	
37	Addendum No: 1, Sr No 5	Section III	Qualification	4.2(a) Specific Construction Experience contractor (single entity or JV member) (iii) for 10 years between 1 st January 2006 and 31 st December 2015. The similarity shall be defined as "A single contract with Air conditioning system of minimum capacity 2000TR for project MRT/ Railways/ Airports/ Ports/ Big Hospitals etc and/or Tunnel ventilation system of 2.5km tunnel for MRT/ Railways/ Highways".	In order to bring healthy competition, it is requested to relax the following parameters:  1. Min capacity of Air conditioning system to 1000 TR  2. Tunnel length to 1 km	Prequalification document conditions prevail.	

	Pre-Qualification Queries of IFP No:- MM3-CBS-TVE  QUERIES AND RESPONSES, Dated 1st JULY 2016  Prequalification of Bidders for Design, manufacture, supply, installation, testing and commissioning of Tunnel Ventilation System/Environmental Control Systems								
S.No	Page No.	Section	Clause	Clause Description	Applicant's Query	Response	Addendum		
38	Addendum No: 1, Sr No 6,	Section III	Qualification	4.2(b) Specific Experience - For the above or other contracts executed during the period stipulated in 4.2 (a) above, a minimum construction experience, as prime contractor, management contractor, or subcontractor, in the following key activities:	We understand that "contracts that have been satisfactorily and substantially(ii) completed are also eligible for meeting the qualification". Please confirm.	Yes Confirmed. Prequalification document conditions prevail.			